

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052622\
 Data File : VU048670.D
 Acq On : 26 May 2022 10:19
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: May 27 05:33:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 05:29:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/27/2022
 Supervised By : Mahesh Dadoda 05/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.372	168	209145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	334956	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	302908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	142555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	17325	5.516	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.040%#		
35) Dibromofluoromethane	5.292	113	12636	5.288	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.580%#		
50) Toluene-d8	7.896	98	43596	5.089	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.180%#		
62) 4-Bromofluorobenzene	10.636	95	14255	4.400	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.800%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	12442	5.197	ug/l	98
3) Chloromethane	1.523	50	15840	5.139	ug/l	99
4) Vinyl Chloride	1.604	62	14649	5.132	ug/l	96
5) Bromomethane	1.855	94	11484	6.447	ug/l	93
6) Chloroethane	1.932	64	9075	5.103	ug/l	97
7) Trichlorofluoromethane	2.138	101	20909	5.129	ug/l	96
8) Diethyl Ether	2.375	74	7466	4.962	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.581	101	11885	5.326	ug/l	97
10) Methyl Iodide	2.723	142	8978	3.050	ug/l	97
11) Tert butyl alcohol	3.192	59	23251	56.914	ug/l #	31
12) 1,1-Dichloroethene	2.584	96	10960	5.149	ug/l	97
13) Acrolein	2.488	56	12837	41.813	ug/l	100
14) Allyl chloride	2.925	41	20187	4.896	ug/l	98
15) Acrylonitrile	3.321	53	43590	25.239	ug/l	97
16) Acetone	2.633	43	37953	23.710	ug/l	99
17) Carbon Disulfide	2.793	76	31957	5.143	ug/l	99
18) Methyl Acetate	2.951	43	20094	5.000	ug/l	98
19) Methyl tert-butyl Ether	3.366	73	40411	5.003	ug/l	98
20) Methylene Chloride	3.047	84	13998	5.142	ug/l	93
21) trans-1,2-Dichloroethene	3.356	96	12105	4.971	ug/l	94
22) Diisopropyl ether	3.996	45	37297	4.904	ug/l #	83
23) Vinyl Acetate	3.957	43	146891	22.293	ug/l	99
24) 1,1-Dichloroethane	3.874	63	24002	5.025	ug/l	98
25) 2-Butanone	4.707	43	53150	23.113	ug/l	100
26) 2,2-Dichloropropane	4.671	77	21940	5.120	ug/l	95
27) cis-1,2-Dichloroethene	4.668	96	13902	4.933	ug/l	98
28) Bromochloromethane	4.977	49	9980	5.327	ug/l #	96
29) Tetrahydrofuran	5.057	42	34422	23.385	ug/l	97
30) Chloroform	5.089	83	24802	5.190	ug/l	94
31) Cyclohexane	5.385	56	21504	5.433	ug/l #	75
32) 1,1,1-Trichloroethane	5.314	97	22247	5.131	ug/l	96
36) 1,1-Dichloropropene	5.526	75	17360	4.978	ug/l	97
37) Ethyl Acetate	4.809	43	20518m	4.513	ug/l	
38) Carbon Tetrachloride	5.523	117	20237	5.058	ug/l	96
39) Methylcyclohexane	6.764	83	16893	4.619	ug/l	95
40) Benzene	5.774	78	50131	4.869	ug/l	96

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 Acq On : 26 May 2022 10:19
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Manual Integrations
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Reviewed By : John Carlone 05/27/2022
 Supervised By : Mahesh Dadoda 05/27/2022

Quant Time: May 27 05:33:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 05:29:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	10448	4.689	ug/l	99
42) 1,2-Dichloroethane	5.793	62	20186	5.008	ug/l	98
43) Isopropyl Acetate	5.915	43	30604	4.782	ug/l	98
44) Trichloroethene	6.542	130	13238	4.990	ug/l	95
45) 1,2-Dichloropropane	6.790	63	12771	4.927	ug/l	100
46) Dibromomethane	6.919	93	9403	4.855	ug/l	99
47) Bromodichloromethane	7.105	83	19056	4.866	ug/l	98
48) Methyl methacrylate	6.960	41	12568	4.375	ug/l	99
49) 1,4-Dioxane	6.983	88	5384	83.837	ug/l #	70
51) 4-Methyl-2-Pentanone	7.793	43	96418	23.204	ug/l	98
52) Toluene	7.970	92	29196	4.740	ug/l	94
53) t-1,3-Dichloropropene	8.211	75	19651	4.651	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	20659	4.719	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	12828	4.719	ug/l #	93
56) Ethyl methacrylate	8.337	69	16745	4.414	ug/l	97
57) 1,3-Dichloropropane	8.578	76	21077	4.607	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	12515	16.855	ug/l	97
59) 2-Hexanone	8.687	43	74586	21.864	ug/l	95
60) Dibromochloromethane	8.809	129	13871	4.552	ug/l	93
61) 1,2-Dibromoethane	8.925	107	13820	4.617	ug/l	99
64) Tetrachloroethene	8.552	164	12165	5.226	ug/l	96
65) Chlorobenzene	9.446	112	31724	4.952	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	12268	5.045	ug/l	95
67) Ethyl Benzene	9.571	91	49362	4.568	ug/l	99
68) m/p-Xylenes	9.693	106	40542	9.593	ug/l	99
69) o-Xylene	10.102	106	18208	4.385	ug/l	96
70) Styrene	10.115	104	29979	4.390	ug/l	98
71) Bromoform	10.288	173	10809	4.807	ug/l #	99
73) Isopropylbenzene	10.484	105	45544	4.949	ug/l	100
74) N-amyl acetate	10.320	43	16316	4.101	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.783	83	18471	4.918	ug/l	98
76) 1,2,3-Trichloropropane	10.825	75	23066	5.874	ug/l	97
77) Bromobenzene	10.783	156	13358	5.404	ug/l	94
78) n-propylbenzene	10.906	91	52737	4.809	ug/l	97
79) 2-Chlorotoluene	10.986	91	34410	5.046	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	38962	4.868	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.546	75	5474	4.324	ug/l	87
82) 4-Chlorotoluene	11.095	91	38298	4.867	ug/l	96
83) tert-Butylbenzene	11.420	119	37484	4.880	ug/l	98
84) 1,2,4-Trimethylbenzene	11.468	105	36334	4.664	ug/l	99
85) sec-Butylbenzene	11.642	105	44416	4.622	ug/l	98
86) p-Isopropyltoluene	11.793	119	36594	4.434	ug/l	97
87) 1,3-Dichlorobenzene	11.745	146	24595	5.075	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	24391	4.872	ug/l	95
89) n-Butylbenzene	12.211	91	29037	4.004	ug/l	99
90) Hexachloroethane	12.475	117	8787	5.217	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	23086	4.716	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.996	75	5227	4.834	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	16570	5.158	ug/l	94
94) Hexachlorobutadiene	14.021	225	8977	5.830	ug/l	96
95) Naphthalene	14.089	128	41064	4.121	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	16169	5.082	ug/l	99

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

Quant Time: May 27 05:33:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 05:29:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

