

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029556.D
 Acq On : 18 Jun 2022 07:18
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2022
 Supervised By :Mahesh Dadoda 06/23/2022

Quant Time: Jun 18 10:33:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 10:29:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	274207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	473219	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	421708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	19841	4.523	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	9.040%#		
35) Dibromofluoromethane	5.391	113	16499	4.231	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	8.460%#		
50) Toluene-d8	8.652	98	58562	4.200	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	8.400%#		
62) 4-Bromofluorobenzene	11.085	95	21550	3.977	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	7.960%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	15194	3.645	ug/l	96
3) Chloromethane	1.294	50	17944	4.038	ug/l	95
4) Vinyl Chloride	1.373	62	16455	3.635	ug/l	95
5) Bromomethane	1.611	94	9335	3.936	ug/l	90
6) Chloroethane	1.684	64	8416	3.516	ug/l	100
7) Trichlorofluoromethane	1.885	101	23423	3.570	ug/l	94
8) Diethyl Ether	2.135	74	9148	3.558	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.330	101	15046	3.776	ug/l	96
10) Methyl Iodide	2.452	142	11313	2.597	ug/l	95
11) Tert butyl alcohol	2.946	59	30599m	24.645	ug/l	
12) 1,1-Dichloroethene	2.318	96	13991	3.622	ug/l	98
13) Acrolein	2.245	56	6042	13.628	ug/l	97
14) Allyl chloride	2.666	41	22458	3.617	ug/l	95
15) Acrylonitrile	3.074	53	44369	18.220	ug/l	98
16) Acetone	2.391	43	37384	18.077	ug/l	98
17) Carbon Disulfide	2.513	76	34115	3.564	ug/l	98
18) Methyl Acetate	2.708	43	20138	3.662	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	49401	3.706	ug/l	96
20) Methylene Chloride	2.794	84	16412	3.531	ug/l	95
21) trans-1,2-Dichloroethene	3.092	96	15681	3.612	ug/l	98
22) Diisopropyl ether	3.763	45	46035	3.703	ug/l #	79
23) Vinyl Acetate	3.727	43	188008	18.290	ug/l	97
24) 1,1-Dichloroethane	3.611	63	26621	3.539	ug/l	99
25) 2-Butanone	4.568	43	58473	17.909	ug/l	93
26) 2,2-Dichloropropane	4.482	77	21473	3.945	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	17776	3.460	ug/l	98
28) Bromochloromethane	4.903	49	10882	3.693	ug/l #	94
29) Tetrahydrofuran	5.019	42	39464	18.528	ug/l	93
30) Chloroform	5.098	83	29400	3.618	ug/l	99
31) Cyclohexane	5.476	56	24624	3.591	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	25105	3.587	ug/l	98
36) 1,1-Dichloropropene	5.702	75	21148	3.422	ug/l	99
37) Ethyl Acetate	4.726	43	20518	3.226	ug/l	98
38) Carbon Tetrachloride	5.677	117	20325	3.223	ug/l	95
39) Methylcyclohexane	7.384	83	25823	3.381	ug/l	89
40) Benzene	6.043	78	63544	3.452	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	11429	3.646	ug/l	96
42) 1,2-Dichloroethane	6.098	62	22781	3.579	ug/l	100
43) Isopropyl Acetate	6.348	43	32529	3.386	ug/l	99
44) Trichloroethene	7.128	130	22285	4.412	ug/l	95
45) 1,2-Dichloropropane	7.433	63	15381	3.406	ug/l	99
46) Dibromomethane	7.579	93	10918	3.333	ug/l	95
47) Bromodichloromethane	7.823	83	21078	3.411	ug/l	100
48) Methyl methacrylate	7.695	41	16970	3.526	ug/l	87
49) 1,4-Dioxane	7.689	88	8296	67.521	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	110609	17.744	ug/l	95
52) Toluene	8.720	92	40758	3.458	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	20192	3.359	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	23825	3.441	ug/l	95
55) 1,1,2-Trichloroethane	9.152	97	15892	3.332	ug/l	97
56) Ethyl methacrylate	9.122	69	23980	3.468	ug/l	94
57) 1,3-Dichloropropane	9.311	76	27472	3.416	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	57783	17.180	ug/l	97
59) 2-Hexanone	9.433	43	83687	17.694	ug/l	93
60) Dibromochloromethane	9.524	129	15010	3.260	ug/l	97
61) 1,2-Dibromoethane	9.610	107	16741	3.298	ug/l	100
64) Tetrachloroethene	9.274	164	15604	4.094	ug/l	93
65) Chlorobenzene	10.079	112	41811	3.793	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	14913	3.900	ug/l	99
67) Ethyl Benzene	10.195	91	76677	3.974	ug/l	99
68) m/p-Xylenes	10.305	106	60198	8.076	ug/l	99
69) o-Xylene	10.640	106	30338	4.184	ug/l	100
70) Styrene	10.658	104	47551	3.926	ug/l	98
71) Bromoform	10.798	173	9862	3.628	ug/l #	99
73) Isopropylbenzene	10.963	105	76629	5.065	ug/l	99
74) N-amyl acetate	10.847	43	25549	4.981	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	24082	4.733	ug/l	99
76) 1,2,3-Trichloropropane	11.243	75	22190m	4.953	ug/l	
77) Bromobenzene	11.201	156	17116	4.816	ug/l	92
78) n-propylbenzene	11.304	91	84367	4.917	ug/l	99
79) 2-Chlorotoluene	11.365	91	54578	5.161	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	64810	5.045	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	5437	4.039	ug/l #	77
82) 4-Chlorotoluene	11.457	91	62128	5.105	ug/l	98
83) tert-Butylbenzene	11.719	119	62655	5.033	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	64690	5.103	ug/l	97
85) sec-Butylbenzene	11.890	105	76959	5.020	ug/l	99
86) p-Isopropyltoluene	12.012	119	64496	5.018	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	32194	4.746	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	33029	4.783	ug/l	93
89) n-Butylbenzene	12.335	91	52530	4.850	ug/l	98
90) Hexachloroethane	12.542	117	8458	4.156	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	32406	4.838	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.944	75	4984	4.688	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	18542	4.645	ug/l	98
94) Hexachlorobutadiene	13.725	225	7918	4.753	ug/l	90
95) Naphthalene	13.780	128	66161	4.724	ug/l	98
96) 1,2,3-Trichlorobenzene	13.962	180	18432	4.642	ug/l	96

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

