

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049397.D
 Acq On : 27 Jun 2022 10:59
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 27 12:59:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 12:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	163874	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	282895	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	255535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	117867	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	13213	5.166	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	10.340%#
35) Dibromofluoromethane	5.292	113	10513	5.237	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.480%#
50) Toluene-d8	7.896	98	35414	4.949	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	9.900%#
62) 4-Bromofluorobenzene	10.635	95	12857	4.630	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	9.260%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.382	85	11823	4.240	ug/l	96
3) Chloromethane	1.520	50	18271	5.717	ug/l	96
4) Vinyl Chloride	1.600	62	13141	4.774	ug/l	98
5) Bromomethane	1.842	94	4480	5.895	ug/l	99
6) Chloroethane	1.912	64	5619	5.178	ug/l	# 85
7) Trichlorofluoromethane	2.112	101	17184	5.009	ug/l	92
8) Diethyl Ether	2.375	74	6183	5.262	ug/l	71
9) 1,1,2-Trichlorotrifluo...	2.565	101	9386	5.004	ug/l	98
10) Methyl Iodide	2.710	142	5668	4.057	ug/l	# 88
11) Tert butyl alcohol	3.298	59	14260	26.485	ug/l	# 51
12) 1,1-Dichloroethene	2.568	96	8901	5.028	ug/l	91
13) Acrolein	2.485	56	11137	29.282	ug/l	95
14) Allyl chloride	2.912	41	18370	5.148	ug/l	# 87
15) Acrylonitrile	3.321	53	36857	26.442	ug/l	96
16) Acetone	2.636	43	29917	25.994	ug/l	99
17) Carbon Disulfide	2.777	76	27108	5.107	ug/l	99
18) Methyl Acetate	2.954	43	18752	5.735	ug/l	90
19) Methyl tert-butyl Ether	3.366	73	34481	5.245	ug/l	98
20) Methylene Chloride	3.038	84	11958	5.636	ug/l	# 85
21) trans-1,2-Dichloroethene	3.346	96	9887	5.162	ug/l	85
22) Diisopropyl ether	3.993	45	35818	5.177	ug/l	92
23) Vinyl Acetate	3.957	43	149420	24.377	ug/l	96
24) 1,1-Dichloroethane	3.861	63	21584	5.503	ug/l	98
25) 2-Butanone	4.713	43	47911	26.456	ug/l	90
26) 2,2-Dichloropropane	4.658	77	16832	5.106	ug/l	98
27) cis-1,2-Dichloroethene	4.665	96	11492	5.216	ug/l	85
28) Bromochloromethane	4.970	49	8763	4.965	ug/l	# 79
29) Tetrahydrofuran	5.060	42	34251	27.381	ug/l	# 84
30) Chloroform	5.086	83	21227	5.528	ug/l	99
31) Cyclohexane	5.378	56	21431	5.760	ug/l	# 89
32) 1,1,1-Trichloroethane	5.314	97	17868	5.108	ug/l	96
36) 1,1-Dichloropropene	5.520	75	14192	4.887	ug/l	96
37) Ethyl Acetate	4.809	43	20426	4.805	ug/l	97
38) Carbon Tetrachloride	5.520	117	15439	4.990	ug/l	95
39) Methylcyclohexane	6.758	83	16383	4.483	ug/l	# 86
40) Benzene	5.771	78	45205	5.201	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	9272	4.811	ug/l	91
42) 1,2-Dichloroethane	5.793	62	17041	5.205	ug/l	96
43) Isopropyl Acetate	5.915	43	30936	5.429	ug/l #	90
44) Trichloroethene	6.539	130	10576	5.145	ug/l	92
45) 1,2-Dichloropropane	6.790	63	11962	5.045	ug/l	97
46) Dibromomethane	6.919	93	8307	5.107	ug/l	88
47) Bromodichloromethane	7.108	83	15820	5.063	ug/l	95
48) Methyl methacrylate	6.964	41	13132	4.840	ug/l	89
49) 1,4-Dioxane	6.996	88	6821	105.525	ug/l #	1
51) 4-Methyl-2-Pentanone	7.800	43	95479	24.672	ug/l	92
52) Toluene	7.970	92	25855	5.008	ug/l	98
53) t-1,3-Dichloropropene	8.214	75	15376	4.496	ug/l	100
54) cis-1,3-Dichloropropene	7.607	75	17211	4.688	ug/l	90
55) 1,1,2-Trichloroethane	8.401	97	10878	4.967	ug/l	98
56) Ethyl methacrylate	8.336	69	16825	4.467	ug/l #	85
57) 1,3-Dichloropropane	8.578	76	19857	5.200	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	2429	7.916	ug/l	96
59) 2-Hexanone	8.697	43	73813	24.716	ug/l	92
60) Dibromochloromethane	8.809	129	11207	4.774	ug/l	98
61) 1,2-Dibromoethane	8.925	107	11806	5.098	ug/l	98
64) Tetrachloroethene	8.552	164	8486	5.210	ug/l	94
65) Chlorobenzene	9.449	112	26700	5.164	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.539	131	10472	5.191	ug/l	98
67) Ethyl Benzene	9.571	91	47539	4.914	ug/l	99
68) m/p-Xylenes	9.693	106	35012	9.768	ug/l	94
69) o-Xylene	10.102	106	17525	4.886	ug/l	86
70) Styrene	10.118	104	26690	4.473	ug/l	94
71) Bromoform	10.295	173	8704	4.927	ug/l #	99
73) Isopropylbenzene	10.484	105	44920	5.072	ug/l	96
74) N-amyl acetate	10.324	43	22197	4.905	ug/l	93
75) 1,1,2,2-Tetrachloroethane	10.787	83	21055	5.912	ug/l	98
76) 1,2,3-Trichloropropane	10.825	75	22350	5.545	ug/l	99
77) Bromobenzene	10.783	156	10809	5.255	ug/l	82
78) n-propylbenzene	10.906	91	49582	4.628	ug/l	96
79) 2-Chlorotoluene	10.986	91	33276	5.152	ug/l	92
80) 1,3,5-Trimethylbenzene	11.089	105	37961	4.932	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.552	75	5012	4.497	ug/l #	84
82) 4-Chlorotoluene	11.098	91	35978	4.910	ug/l	95
83) tert-Butylbenzene	11.420	119	39102	5.128	ug/l	95
84) 1,2,4-Trimethylbenzene	11.468	105	35826	4.664	ug/l	95
85) sec-Butylbenzene	11.642	105	44761	4.630	ug/l	97
86) p-Isopropyltoluene	11.796	119	34599	4.428	ug/l	95
87) 1,3-Dichlorobenzene	11.748	146	20468	5.276	ug/l	96
88) 1,4-Dichlorobenzene	11.838	146	20560	5.410	ug/l	90
89) n-Butylbenzene	12.208	91	30186	4.449	ug/l	97
90) Hexachloroethane	12.475	117	8015	5.283	ug/l	79
91) 1,2-Dichlorobenzene	12.214	146	20824	5.313	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.995	75	4644	5.165	ug/l	68
93) 1,2,4-Trichlorobenzene	13.841	180	11972	4.819	ug/l	96
94) Hexachlorobutadiene	14.024	225	5877	4.671	ug/l	94
95) Naphthalene	14.089	128	42256	4.910	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	12863	4.898	ug/l	93

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

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