

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052523\
 Data File : VU054265.D
 Acq On : 25 May 2023 13:57
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/26/2023
 Supervised By :Mahesh Dadoda 05/30/2023

Quant Time: May 26 06:00:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 05:59:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	204701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	330439	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	312012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	157865	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.385	85	1936	0.847	ug/l	86
3) Chloromethane	1.520	50	3489	1.166	ug/l	99
4) Vinyl Chloride	1.604	62	2779	0.973	ug/l	90
6) Chloroethane	1.932	64	1457m	1.057	ug/l	
7) Trichlorofluoromethane	2.134	101	4438	1.130	ug/l	90
8) Diethyl Ether	2.379	74	1352	0.930	ug/l	60
9) 1,1,2-Trichlorotrifluo...	2.581	101	2159	1.015	ug/l	94
12) 1,1-Dichloroethene	2.578	96	2619	1.189	ug/l	92
14) Allyl chloride	2.919	41	4199	1.100	ug/l	87
15) Acrylonitrile	3.321	53	8280	5.095	ug/l #	88
16) Acetone	2.639	43	9212	5.989	ug/l	97
17) Carbon Disulfide	2.787	76	8118	1.248	ug/l	97
18) Methyl Acetate	2.951	43	5997	1.068	ug/l #	85
19) Methyl tert-butyl Ether	3.359	73	7453	1.034	ug/l	99
20) Methylene Chloride	3.044	84	3482	1.255	ug/l #	87
21) trans-1,2-Dichloroethene	3.346	96	2573	1.091	ug/l	89
22) Diisopropyl ether	3.983	45	6535	0.966	ug/l #	48
23) Vinyl Acetate	3.964	43	21472	4.349	ug/l #	90
24) 1,1-Dichloroethane	3.867	63	4423	1.021	ug/l #	93
25) 2-Butanone	4.726	43	9329	4.581	ug/l	93
26) 2,2-Dichloropropane	4.658	77	4056	1.071	ug/l	91
27) cis-1,2-Dichloroethene	4.668	96	2650	1.011	ug/l	87
28) Bromochloromethane	4.967	49	1827	0.911	ug/l #	96
29) Tetrahydrofuran	5.063	42	5864	4.581	ug/l #	75
30) Chloroform	5.083	83	4929	1.119	ug/l	88
32) 1,1,1-Trichloroethane	5.314	97	3868	1.012	ug/l #	38
36) 1,1-Dichloropropene	5.526	75	4095	1.225	ug/l #	86
37) Ethyl Acetate	4.816	43	3841	0.943	ug/l #	93
38) Carbon Tetrachloride	5.520	117	3704	1.083	ug/l	92
39) Methylcyclohexane	6.758	83	3583	0.946	ug/l #	87
40) Benzene	5.777	78	9702	1.018	ug/l	94
41) Methacrylonitrile	4.983	41	1548m	0.841	ug/l	
42) 1,2-Dichloroethane	5.793	62	3640	1.051	ug/l	89
43) Isopropyl Acetate	5.919	43	5505	0.980	ug/l #	92
44) Trichloroethene	6.536	130	3208	1.204	ug/l	88
45) 1,2-Dichloropropane	6.787	63	2435	0.979	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.915	93	1915	1.046	ug/l	85
47) Bromodichloromethane	7.102	83	3510	1.025	ug/l	93
48) Methyl methacrylate	6.970	41	2134	0.856	ug/l #	92
49) 1,4-Dioxane	7.005	88	1358m	18.879	ug/l	
51) 4-Methyl-2-Pentanone	7.790	43	17801	4.748	ug/l	98
52) Toluene	7.967	92	6333	1.042	ug/l	92
53) t-1,3-Dichloropropene	8.208	75	3766	0.961	ug/l	92
54) cis-1,3-Dichloropropene	7.600	75	3880	0.949	ug/l #	85
55) 1,1,2-Trichloroethane	8.394	97	2686	1.066	ug/l #	85
56) Ethyl methacrylate	8.333	69	3028	0.807	ug/l	89
57) 1,3-Dichloropropane	8.575	76	4449	1.025	ug/l	98
59) 2-Hexanone	8.687	43	13970	4.717	ug/l	92
60) Dibromochloromethane	8.806	129	2362	0.923	ug/l	97
61) 1,2-Dibromoethane	8.922	107	2638	0.962	ug/l	89
64) Tetrachloroethene	8.549	164	2286	0.973	ug/l	94
65) Chlorobenzene	9.446	112	7283	1.117	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.529	131	2372	1.002	ug/l #	64
67) Ethyl Benzene	9.568	91	11225	1.007	ug/l	99
68) m/p-Xylenes	9.690	106	7990	1.890	ug/l	89
69) o-Xylene	10.095	106	3986	0.974	ug/l	92
70) Styrene	10.118	104	6177	0.910	ug/l	94
71) Bromoform	10.288	173	1828	0.889	ug/l #	98
73) Isopropylbenzene	10.481	105	9690	0.991	ug/l	98
74) N-amyl acetate	10.320	43	4349	1.048	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	10.777	83	4342	1.098	ug/l	97
76) 1,2,3-Trichloropropane	10.822	75	5078m	1.095	ug/l	
77) Bromobenzene	10.783	156	2890	1.076	ug/l	83
78) n-propylbenzene	10.902	91	12067	1.008	ug/l	97
79) 2-Chlorotoluene	10.983	91	7400	1.021	ug/l	95
80) 1,3,5-Trimethylbenzene	11.086	105	7566	0.910	ug/l	98
82) 4-Chlorotoluene	11.095	91	9286	1.091	ug/l	91
83) tert-Butylbenzene	11.417	119	8798	1.058	ug/l	98
84) 1,2,4-Trimethylbenzene	11.465	105	7736	0.935	ug/l	100
85) sec-Butylbenzene	11.639	105	10327	0.979	ug/l	97
86) p-Isopropyltoluene	11.790	119	8932	1.007	ug/l	91
87) 1,3-Dichlorobenzene	11.742	146	6194	1.192	ug/l	95
88) 1,4-Dichlorobenzene	11.832	146	6822m	1.281	ug/l	
89) n-Butylbenzene	12.208	91	9181	1.099	ug/l	98
90) Hexachloroethane	12.468	117	1691	1.077	ug/l	77
91) 1,2-Dichlorobenzene	12.211	146	5705	1.116	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.992	75	764	0.847	ug/l	94
93) 1,2,4-Trichlorobenzene	13.841	180	4934	2.958	ug/l	96
94) Hexachlorobutadiene	14.018	225	2313	2.172	ug/l	88
95) Naphthalene	14.089	128	15287	3.271	ug/l	95
96) 1,2,3-Trichlorobenzene	14.330	180	5136	2.646	ug/l	93

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

