

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
 Data File : VX031019.D
 Acq On : 01 Sep 2022 10:56
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/02/2022
 Supervised By : Mahesh Dadoda 09/02/2022

Quant Time: Sep 01 13:21:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 01 13:21:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	197633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	324642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	293615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135954	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	74 - 125	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	86 - 113	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	1.166	85	2168	1.037	ug/l	97
3) Chloromethane	1.288	50	2305	1.094	ug/l #	84
4) Vinyl Chloride	1.374	62	2311	0.928	ug/l #	84
6) Chloroethane	1.691	64	1271	0.849	ug/l	94
7) Trichlorofluoromethane	1.886	101	3726	0.984	ug/l	84
8) Diethyl Ether	2.136	74	1343	0.919	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	2555	1.049	ug/l	89
12) 1,1-Dichloroethene	2.319	96	2385	0.993	ug/l	93
14) Allyl chloride	2.666	41	3230	0.829	ug/l #	89
15) Acrylonitrile	3.075	53	5991	4.040	ug/l	95
16) Acetone	2.392	43	5811	4.542	ug/l	98
17) Carbon Disulfide	2.514	76	7273	1.147	ug/l	97
18) Methyl Acetate	2.703	43	3019	0.804	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	7085	0.906	ug/l	91
20) Methylene Chloride	2.800	84	3498	1.203	ug/l #	63
21) trans-1,2-Dichloroethene	3.093	96	3053	1.172	ug/l #	76
22) Diisopropyl ether	3.757	45	5886	0.733	ug/l #	55
23) Vinyl Acetate	3.727	43	23663	3.673	ug/l	96
24) 1,1-Dichloroethane	3.611	63	4318	0.918	ug/l #	92
25) 2-Butanone	4.580	43	7895	3.812	ug/l	98
26) 2,2-Dichloropropane	4.489	77	3883	1.096	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	3157	1.052	ug/l	96
28) Bromochloromethane	4.904	49	1314	0.864	ug/l #	67
29) Tetrahydrofuran	5.026	42	5359	4.000	ug/l #	79
30) Chloroform	5.105	83	4828	0.990	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	3806	0.920	ug/l #	51
36) 1,1-Dichloropropene	5.702	75	3936	1.107	ug/l #	89
37) Ethyl Acetate	4.727	43	3391	0.907	ug/l #	92
38) Carbon Tetrachloride	5.678	117	3804	1.123	ug/l	85
39) Methylcyclohexane	7.385	83	4006	0.921	ug/l	93
40) Benzene	6.038	78	9526	0.929	ug/l	92
41) Methacrylonitrile	4.940	41	1507	0.742	ug/l #	84
42) 1,2-Dichloroethane	6.105	62	3342	0.981	ug/l	80
43) Isopropyl Acetate	6.342	43	4605	0.794	ug/l	99
44) Trichloroethene	7.135	130	3143	1.041	ug/l	99
45) 1,2-Dichloropropane	7.440	63	2701	0.987	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	1887	1.010	ug/l	90
47) Bromodichloromethane	7.830	83	3641	1.014	ug/l #	79
48) Methyl methacrylate	7.708	41	2420	0.833	ug/l	95
49) 1,4-Dioxane	7.696	88	1479	19.376	ug/l #	81
51) 4-Methyl-2-Pentanone	8.580	43	14729	3.846	ug/l	95
52) Toluene	8.720	92	6373	1.017	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	3240	0.894	ug/l #	82
54) cis-1,3-Dichloropropene	8.372	75	3678	0.887	ug/l #	77
55) 1,1,2-Trichloroethane	9.153	97	2831	1.042	ug/l #	89
56) Ethyl methacrylate	9.122	69	3362	0.845	ug/l	90
57) 1,3-Dichloropropane	9.317	76	4322	0.964	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	8091	4.048	ug/l	95
59) 2-Hexanone	9.433	43	10286	3.612	ug/l	93
60) Dibromochloromethane	9.525	129	2658	0.984	ug/l	97
61) 1,2-Dibromoethane	9.610	107	2711	0.966	ug/l	92
64) Tetrachloroethene	9.275	164	3070	1.105	ug/l	98
65) Chlorobenzene	10.079	112	7572	1.091	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	2787	1.133	ug/l #	64
67) Ethyl Benzene	10.195	91	11903	0.967	ug/l	99
68) m/p-Xylenes	10.305	106	9138	1.959	ug/l	93
69) o-Xylene	10.640	106	4382	0.960	ug/l	98
70) Styrene	10.659	104	6685	0.867	ug/l	96
71) Bromoform	10.799	173	1922	0.996	ug/l #	93
73) Isopropylbenzene	10.963	105	10745	0.999	ug/l	96
74) N-amyl acetate	10.848	43	3179	0.764	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	4029	1.093	ug/l	95
76) 1,2,3-Trichloropropane	11.238	75	3254m	0.972	ug/l	
77) Bromobenzene	11.201	156	3295	1.264	ug/l	81
78) n-propylbenzene	11.305	91	12355	0.980	ug/l	99
79) 2-Chlorotoluene	11.366	91	7947	1.015	ug/l	90
80) 1,3,5-Trimethylbenzene	11.451	105	9236	1.019	ug/l	94
82) 4-Chlorotoluene	11.457	91	9042	1.033	ug/l	99
83) tert-Butylbenzene	11.713	119	9296	1.045	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	8177	0.881	ug/l	96
85) sec-Butylbenzene	11.890	105	10828	0.938	ug/l	99
86) p-Isopropyltoluene	12.012	119	8001	0.835	ug/l	91
87) 1,3-Dichlorobenzene	11.975	146	5642	1.098	ug/l	93
88) 1,4-Dichlorobenzene	12.043	146	6080m	1.154	ug/l	
89) n-Butylbenzene	12.335	91	8239	0.919	ug/l	99
90) Hexachloroethane	12.542	117	1739	1.034	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	6167	1.183	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.945	75	884	0.962	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	3342	1.003	ug/l	84
94) Hexachlorobutadiene	13.725	225	1821	1.287	ug/l	95
95) Naphthalene	13.780	128	12996	1.090	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	3741	1.112	ug/l	98

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

