

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030928.D
 Acq On : 30 Aug 2022 09:49
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/31/2022
 Supervised By : Semsettin Yesilyurt 08/31/2022

Quant Time: Aug 30 12:04:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 12:03:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	220376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	372422	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	335853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165748	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	2150	0.874	ug/l #	68
3) Chloromethane	1.288	50	2724	1.099	ug/l	95
4) Vinyl Chloride	1.374	62	2804	0.990	ug/l #	85
6) Chloroethane	1.685	64	1902	1.112	ug/l	91
7) Trichlorofluoromethane	1.892	101	4184	0.982	ug/l	96
8) Diethyl Ether	2.136	74	1755	1.059	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	2708	1.011	ug/l	96
12) 1,1-Dichloroethene	2.325	96	2769	1.070	ug/l #	82
14) Allyl chloride	2.666	41	4141	0.872	ug/l	96
15) Acrylonitrile	3.075	53	7716	4.402	ug/l	93
16) Acetone	2.392	43	7890	5.218	ug/l #	88
17) Carbon Disulfide	2.514	76	8027	1.175	ug/l #	95
18) Methyl Acetate	2.709	43	4277	0.976	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	7941	0.903	ug/l	95
20) Methylene Chloride	2.794	84	3814	1.152	ug/l #	83
21) trans-1,2-Dichloroethene	3.087	96	3109	1.083	ug/l	94
22) Diisopropyl ether	3.757	45	8507	0.931	ug/l #	70
23) Vinyl Acetate	3.727	43	32545	4.382	ug/l	98
24) 1,1-Dichloroethane	3.611	63	4931	0.911	ug/l	99
25) 2-Butanone	4.580	43	11645	4.710	ug/l #	87
26) 2,2-Dichloropropane	4.471	77	3892	1.059	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	3287	1.008	ug/l	95
28) Bromochloromethane	4.910	49	1795m	0.999	ug/l	
29) Tetrahydrofuran	5.025	42	7550	4.756	ug/l #	84
30) Chloroform	5.092	83	5418	0.986	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	4498	0.968	ug/l #	51
36) 1,1-Dichloropropene	5.702	75	4246	1.065	ug/l	91
37) Ethyl Acetate	4.727	43	4133	0.940	ug/l #	92
38) Carbon Tetrachloride	5.678	117	3541	0.903	ug/l #	75
39) Methylcyclohexane	7.379	83	4908	1.054	ug/l	95
40) Benzene	6.037	78	11382	0.993	ug/l #	76
41) Methacrylonitrile	4.928	41	2087	0.851	ug/l #	85
42) 1,2-Dichloroethane	6.098	62	3603	0.902	ug/l	96
43) Isopropyl Acetate	6.342	43	6769	1.008	ug/l #	92
44) Trichloroethene	7.129	130	3890	1.217	ug/l	92
45) 1,2-Dichloropropane	7.427	63	3197	1.015	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030928.D
 Acq On : 30 Aug 2022 09:49
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Aug 30 12:04:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 12:03:59 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/31/2022
 Supervised By : Semsettin Yesilyurt 08/31/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	2019	0.946	ug/l	98
47) Bromodichloromethane	7.824	83	3981	0.991	ug/l #	91
48) Methyl methacrylate	7.702	41	3241	0.958	ug/l	95
49) 1,4-Dioxane	7.683	88	1717	19.437	ug/l	90
51) 4-Methyl-2-Pentanone	8.580	43	20880	4.652	ug/l	97
52) Toluene	8.720	92	6244	0.894	ug/l	82
53) t-1,3-Dichloropropene	8.982	75	3495	0.862	ug/l	92
54) cis-1,3-Dichloropropene	8.372	75	4369	0.965	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	2987	1.011	ug/l	89
56) Ethyl methacrylate	9.122	69	3783	0.840	ug/l	90
57) 1,3-Dichloropropane	9.317	76	4840	0.942	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.244	63	9242	4.828	ug/l	94
59) 2-Hexanone	9.433	43	14643	4.182	ug/l	98
60) Dibromochloromethane	9.525	129	2769	0.914	ug/l	91
61) 1,2-Dibromoethane	9.616	107	2940	0.918	ug/l	96
64) Tetrachloroethene	9.275	164	3218	1.070	ug/l #	80
65) Chlorobenzene	10.079	112	7734	1.012	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	10.165	131	2623	0.966	ug/l #	63
67) Ethyl Benzene	10.195	91	12761	0.941	ug/l	97
68) m/p-Xylenes	10.305	106	9029	1.746	ug/l	90
69) o-Xylene	10.640	106	4417	0.868	ug/l	89
70) Styrene	10.659	104	7759	0.924	ug/l	97
71) Bromoform	10.799	173	1837	0.866	ug/l #	96
73) Isopropylbenzene	10.963	105	11251	0.891	ug/l	99
74) N-amyl acetate	10.847	43	4736	0.927	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	4342	0.975	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	4268m	1.026	ug/l	
77) Bromobenzene	11.201	156	2908	0.951	ug/l	92
78) n-propylbenzene	11.305	91	13064	0.892	ug/l	99
79) 2-Chlorotoluene	11.366	91	9229	1.010	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	9265	0.857	ug/l	99
82) 4-Chlorotoluene	11.457	91	10321	0.999	ug/l	95
83) tert-Butylbenzene	11.719	119	9654	0.930	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	9505	0.868	ug/l	99
85) sec-Butylbenzene	11.890	105	11449	0.836	ug/l	93
86) p-Isopropyltoluene	12.012	119	10074	0.896	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	6279	1.044	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	6729m	1.081	ug/l	
89) n-Butylbenzene	12.335	91	9976	0.978	ug/l	92
90) Hexachloroethane	12.542	117	1908	0.947	ug/l	94
91) 1,2-Dichlorobenzene	12.341	146	5957	0.981	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.951	75	1050	0.917	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	3866	1.013	ug/l	96
94) Hexachlorobutadiene	13.725	225	1739	1.110	ug/l	97
95) Naphthalene	13.780	128	12676	0.926	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	3814	1.005	ug/l	96

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

