

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
 Data File : VX041287.D
 Acq On : 30 Apr 2024 08:42
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/01/2024
 Supervised By :Semsettin Yesilyurt 05/01/2024

Quant Time: May 01 02:24:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:16:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	221793	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	308789	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	121359	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	1.167	85	1574	0.864	ug/l	99
3) Chloromethane	1.301	50	1934	1.026	ug/l	94
4) Vinyl Chloride	1.374	62	1733	0.964	ug/l #	75
6) Chloroethane	1.666	64	876	1.049	ug/l #	76
7) Trichlorofluoromethane	1.868	101	3128	1.009	ug/l	95
8) Diethyl Ether	2.136	74	1079	0.988	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.319	101	1528	0.877	ug/l #	83
12) 1,1-Dichloroethene	2.313	96	1512	0.880	ug/l #	73
14) Allyl chloride	2.654	41	2261	0.783	ug/l	92
15) Acrylonitrile	3.075	53	5008	4.540	ug/l	97
16) Acetone	2.392	43	11255	6.780	ug/l	93
17) Carbon Disulfide	2.502	76	3079	0.762	ug/l	98
18) Methyl Acetate	2.709	43	2424	0.981	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	5874	0.938	ug/l	91
20) Methylene Chloride	2.782	84	2145	1.023	ug/l #	85
21) trans-1,2-Dichloroethene	3.081	96	1856	0.966	ug/l	79
22) Diisopropyl ether	3.764	45	6035	0.986	ug/l #	80
23) Vinyl Acetate	3.727	43	23797	4.347	ug/l	95
24) 1,1-Dichloroethane	3.599	63	3377	0.977	ug/l	99
25) 2-Butanone	4.587	43	7568	4.843	ug/l	92
26) 2,2-Dichloropropane	4.465	77	2630	0.910	ug/l #	74
27) cis-1,2-Dichloroethene	4.483	96	2008	0.883	ug/l	97
28) Bromochloromethane	4.898	49	1430	1.159	ug/l #	72
29) Tetrahydrofuran	5.019	42	5295	5.181	ug/l	99
30) Chloroform	5.093	83	3595	0.999	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	3192	0.975	ug/l #	51
36) 1,1-Dichloropropene	5.684	75	2498	0.998	ug/l	97
37) Ethyl Acetate	4.739	43	2975	0.953	ug/l #	74
38) Carbon Tetrachloride	5.678	117	2554	0.891	ug/l	95
39) Methylcyclohexane	7.367	83	3089	1.051	ug/l #	84
40) Benzene	6.031	78	7628	0.989	ug/l	96
41) Methacrylonitrile	4.946	41	1304m	0.812	ug/l	
42) 1,2-Dichloroethane	6.099	62	2710	0.959	ug/l	99
43) Isopropyl Acetate	6.355	43	4641	0.989	ug/l #	94
44) Trichloroethene	7.123	130	2086	1.024	ug/l	84
45) 1,2-Dichloropropane	7.434	63	1791	1.039	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
 Data File : VX041287.D
 Acq On : 30 Apr 2024 08:42
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/01/2024
 Supervised By : Semsettin Yesilyurt 05/01/2024

Quant Time: May 01 02:24:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:16:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	1390	1.013	ug/l #	78
47) Bromodichloromethane	7.824	83	2106	0.861	ug/l #	95
48) Methyl methacrylate	7.702	41	1898	0.882	ug/l	95
49) 1,4-Dioxane	7.702	88	712m	16.051	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	12264	4.354	ug/l	97
52) Toluene	8.714	92	4431	0.939	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	1505	0.621	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	2101	0.782	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	1569	0.863	ug/l	96
56) Ethyl methacrylate	9.122	69	2231	0.793	ug/l	89
57) 1,3-Dichloropropane	9.311	76	2733	0.901	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.245	63	5121	3.755	ug/l	96
59) 2-Hexanone	9.439	43	9355	4.153	ug/l	99
60) Dibromochloromethane	9.525	129	1574	0.736	ug/l	98
61) 1,2-Dibromoethane	9.610	107	1804	0.902	ug/l	94
64) Tetrachloroethene	9.269	164	1875	1.026	ug/l	95
65) Chlorobenzene	10.080	112	5246	1.024	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.159	131	1561	0.863	ug/l #	62
67) Ethyl Benzene	10.195	91	8174	0.967	ug/l	96
68) m/p-Xylenes	10.305	106	6491	1.919	ug/l	93
69) o-Xylene	10.640	106	2885	0.891	ug/l	93
70) Styrene	10.659	104	4265	0.802	ug/l	96
71) Bromoform	10.799	173	1258	0.777	ug/l #	95
73) Isopropylbenzene	10.964	105	7588	1.024	ug/l	97
74) N-amyl acetate	10.848	43	2743	0.848	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	2554	1.052	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	2081m	1.033	ug/l	
77) Bromobenzene	11.201	156	1932	0.924	ug/l	79
78) n-propylbenzene	11.305	91	7859	1.010	ug/l	97
79) 2-Chlorotoluene	11.366	91	5705	1.138	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	6158	1.020	ug/l	98
82) 4-Chlorotoluene	11.457	91	6024	1.058	ug/l	97
83) tert-Butylbenzene	11.713	119	6457	0.998	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	6027	0.992	ug/l	97
85) sec-Butylbenzene	11.890	105	6659	0.899	ug/l	98
86) p-Isopropyltoluene	12.006	119	6166	0.926	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	4024	1.059	ug/l	91
88) 1,4-Dichlorobenzene	12.043	146	4260m	1.088	ug/l	
89) n-Butylbenzene	12.335	91	4839	0.904	ug/l	98
90) Hexachloroethane	12.536	117	949	0.853	ug/l	63
91) 1,2-Dichlorobenzene	12.341	146	4380	1.091	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.945	75	542	0.966	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	2712	0.967	ug/l	94
94) Hexachlorobutadiene	13.725	225	1571	1.121	ug/l	96
95) Naphthalene	13.780	128	7949	0.956	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2922	1.019	ug/l	97

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

