

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100124\
 Data File : VX043207.D
 Acq On : 01 Oct 2024 11:36
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 02 16:45:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:45:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/02/2024
 Supervised By : Mahesh Dadoda 10/03/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	116191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	205863	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	177593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77096	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	77 - 121	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	1297	0.960	ug/l	84
3) Chloromethane	1.294	50	1563	1.123	ug/l #	87
4) Vinyl Chloride	1.374	62	1310	0.940	ug/l	89
6) Chloroethane	1.666	64	643	1.238	ug/l #	71
7) Trichlorofluoromethane	1.874	101	2251	1.081	ug/l	94
8) Diethyl Ether	2.136	74	807	0.995	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.319	101	1233	0.948	ug/l	95
12) 1,1-Dichloroethene	2.312	96	1345	1.042	ug/l #	94
14) Allyl chloride	2.654	41	2314	1.091	ug/l	95
15) Acrylonitrile	3.081	53	3754	5.091	ug/l	97
16) Acetone	2.386	43	4807	6.066	ug/l #	87
17) Carbon Disulfide	2.501	76	3226	1.027	ug/l	96
18) Methyl Acetate	2.709	43	2068	1.040	ug/l #	90
19) Methyl tert-butyl Ether	3.117	73	4326	0.937	ug/l #	80
20) Methylene Chloride	2.788	84	1570	1.075	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	1195	0.930	ug/l #	77
22) Diisopropyl ether	3.770	45	4120	0.966	ug/l	88
23) Vinyl Acetate	3.733	43	17006	9.874	ug/l	97
24) 1,1-Dichloroethane	3.611	63	2236	0.900	ug/l	98
25) 2-Butanone	4.580	43	5334	4.909	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	2363	0.999	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	1519	0.948	ug/l	99
28) Bromochloromethane	4.910	49	1172	1.195	ug/l #	88
29) Tetrahydrofuran	5.032	42	3726	5.383	ug/l #	71
30) Chloroform	5.099	83	2721	0.997	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	2370	0.945	ug/l #	50
36) 1,1-Dichloropropene	5.690	75	1774	0.989	ug/l	94
37) Ethyl Acetate	4.751	43	2156m	1.069	ug/l	
38) Carbon Tetrachloride	5.666	117	1953	0.920	ug/l #	82
39) Methylcyclohexane	7.373	83	2065	0.915	ug/l	99
40) Benzene	6.037	78	5307	0.976	ug/l #	90
41) Methacrylonitrile	4.928	41	1020m	0.999	ug/l	
42) 1,2-Dichloroethane	6.098	62	2126	0.959	ug/l	80
43) Isopropyl Acetate	6.348	43	3342	0.939	ug/l	95
44) Trichloroethene	7.135	130	1525	1.057	ug/l	74
45) 1,2-Dichloropropane	7.440	63	1259	0.943	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	975	0.912	ug/l	96
47) Bromodichloromethane	7.824	83	1903	0.905	ug/l #	94
48) Methyl methacrylate	7.714	41	1773m	1.043	ug/l	
49) 1,4-Dioxane	7.683	88	573	16.887	ug/l #	84
51) 4-Methyl-2-Pentanone	8.580	43	10572	4.893	ug/l	98
52) Toluene	8.720	92	3287	0.964	ug/l	95
53) t-1,3-Dichloropropene	8.988	75	1774	0.849	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	2055	0.917	ug/l	91
55) 1,1,2-Trichloroethane	9.159	97	1301	0.961	ug/l	96
56) Ethyl methacrylate	9.128	69	1823	0.823	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	2125	0.921	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	3908	3.915	ug/l	98
59) 2-Hexanone	9.439	43	7677	4.698	ug/l	91
60) Dibromochloromethane	9.525	129	1414	0.900	ug/l	96
61) 1,2-Dibromoethane	9.616	107	1458	1.002	ug/l	96
64) Tetrachloroethene	9.275	164	1191	0.966	ug/l	93
65) Chlorobenzene	10.073	112	3941	1.032	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	10.159	131	1198	0.887	ug/l #	66
67) Ethyl Benzene	10.195	91	6375	0.966	ug/l	95
68) m/p-Xylenes	10.305	106	4961	1.989	ug/l	99
69) o-Xylene	10.640	106	2499	1.008	ug/l	97
70) Styrene	10.659	104	3607	0.898	ug/l	97
71) Bromoform	10.799	173	839	0.811	ug/l #	98
73) Isopropylbenzene	10.963	105	5770	0.963	ug/l	95
74) N-amyl acetate	10.848	43	2635	0.926	ug/l	97
75) 1,1,1,2-Tetrachloroethane	11.213	83	1917	0.982	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	1694m	0.960	ug/l	
77) Bromobenzene	11.201	156	1548	1.061	ug/l	94
78) n-propylbenzene	11.305	91	6218	0.945	ug/l	97
79) 2-Chlorotoluene	11.366	91	4439	1.049	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	4884	0.988	ug/l	97
82) 4-Chlorotoluene	11.457	91	4954	1.028	ug/l	99
83) tert-Butylbenzene	11.713	119	5082	0.998	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	4929	0.991	ug/l	96
85) sec-Butylbenzene	11.890	105	5660	0.937	ug/l	99
86) p-Isopropyltoluene	12.006	119	4650	0.923	ug/l	92
87) 1,3-Dichlorobenzene	11.975	146	2481	0.966	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	2850m	1.101	ug/l	
89) n-Butylbenzene	12.335	91	3729	0.884	ug/l	94
90) Hexachloroethane	12.536	117	806	0.853	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	2736	1.041	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	447	0.938	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	1333	0.880	ug/l	99
94) Hexachlorobutadiene	13.725	225	566	0.942	ug/l	92
95) Naphthalene	13.780	128	5422	0.974	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	1475	0.944	ug/l	98

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

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