

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101124\
 Data File : VX043359.D
 Acq On : 11 Oct 2024 11:41
 Operator : JC/MD
 Sample : VX1011WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/14/2024
 Supervised By :Mahesh Dadoda 10/14/2024

Quant Time: Oct 14 02:43:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	97890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	173237	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80133	50.124	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.240%			
35) Dibromofluoromethane	5.385	113	58155	48.677	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.360%			
50) Toluene-d8	8.647	98	194128	46.888	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.780%			
62) 4-Bromofluorobenzene	11.079	95	72207	48.006	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22529	19.786	ug/l	95
3) Chloromethane	1.295	50	23566	20.096	ug/l	98
4) Vinyl Chloride	1.374	62	23832	20.289	ug/l	97
5) Bromomethane	1.599	94	9640	20.088	ug/l	98
6) Chloroethane	1.666	64	8400	19.203	ug/l	99
7) Trichlorofluoromethane	1.868	101	36712	20.918	ug/l	99
8) Diethyl Ether	2.136	74	13825	20.242	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	21846	19.946	ug/l	99
10) Methyl Iodide	2.447	142	26005	18.904	ug/l	100
11) Tert butyl alcohol	3.002	59	27490	90.361	ug/l	98
12) 1,1-Dichloroethene	2.307	96	21119	19.418	ug/l	97
13) Acrolein	2.239	56	23266	80.971	ug/l	99
14) Allyl chloride	2.660	41	35806	20.039	ug/l	99
15) Acrylonitrile	3.075	53	63394	102.050	ug/l	97
16) Acetone	2.392	43	72087	107.975	ug/l	97
17) Carbon Disulfide	2.502	76	44433	16.796	ug/l	100
18) Methyl Acetate	2.709	43	32626	19.480	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	80113	20.589	ug/l	99
20) Methylene Chloride	2.788	84	24050	19.538	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	22396	20.691	ug/l	97
22) Diisopropyl ether	3.764	45	75893	21.117	ug/l	97
23) Vinyl Acetate	3.721	43	335437	88.250	ug/l	98
24) 1,1-Dichloroethane	3.605	63	43767	20.904	ug/l	98
25) 2-Butanone	4.568	43	98319	107.404	ug/l	99
26) 2,2-Dichloropropane	4.471	77	41403	20.784	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	27712	20.528	ug/l	99
28) Bromochloromethane	4.898	49	15661	18.960	ug/l	98
29) Tetrahydrofuran	5.013	42	59827	102.592	ug/l	99
30) Chloroform	5.087	83	47246	20.548	ug/l	95
31) Cyclohexane	5.464	56	35676	20.681	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	43269	20.488	ug/l	99
36) 1,1-Dichloropropene	5.690	75	30412	20.150	ug/l	99
37) Ethyl Acetate	4.721	43	38526	21.256	ug/l	99
38) Carbon Tetrachloride	5.672	117	34940	19.555	ug/l	98
39) Methylcyclohexane	7.373	83	37897	19.964	ug/l	96
40) Benzene	6.038	78	93494	20.431	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	19589	20.762	ug/l	99
42) 1,2-Dichloroethane	6.086	62	39374	21.115	ug/l	100
43) Isopropyl Acetate	6.348	43	60761	20.296	ug/l	100
44) Trichloroethene	7.129	130	23840	19.642	ug/l	95
45) 1,2-Dichloropropane	7.428	63	22728	20.239	ug/l	100
46) Dibromomethane	7.580	93	18246	20.276	ug/l	97
47) Bromodichloromethane	7.824	83	33619	19.003	ug/l	98
48) Methyl methacrylate	7.696	41	29160	19.852	ug/l	99
49) 1,4-Dioxane	7.665	88	9884	346.155	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	185080	101.791	ug/l	98
52) Toluene	8.720	92	57593	20.081	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	34467	19.605	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	37334	19.800	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	23047	20.221	ug/l	98
56) Ethyl methacrylate	9.116	69	36954	19.831	ug/l	99
57) 1,3-Dichloropropane	9.311	76	40143	20.679	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	89510	106.566	ug/l	100
59) 2-Hexanone	9.433	43	142865	103.903	ug/l	99
60) Dibromochloromethane	9.525	129	24052	18.190	ug/l	96
61) 1,2-Dibromoethane	9.610	107	25068	20.470	ug/l	96
64) Tetrachloroethene	9.269	164	21317	21.041	ug/l	97
65) Chlorobenzene	10.080	112	63374	20.189	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	22084	19.896	ug/l	99
67) Ethyl Benzene	10.195	91	110594	20.384	ug/l	98
68) m/p-Xylenes	10.299	106	81525	39.761	ug/l	98
69) o-Xylene	10.640	106	41047	20.146	ug/l	100
70) Styrene	10.659	104	67005	20.292	ug/l	99
71) Bromoform	10.799	173	15155	17.824	ug/l #	97
73) Isopropylbenzene	10.964	105	107056	20.266	ug/l	99
74) N-amyl acetate	10.842	43	50297	20.058	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	35656	20.720	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30175m	20.022	ug/l	
77) Bromobenzene	11.195	156	25706	19.997	ug/l	99
78) n-propylbenzene	11.305	91	117384	20.242	ug/l	100
79) 2-Chlorotoluene	11.366	91	74525	19.990	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	88809	20.381	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10182	17.510	ug/l	89
82) 4-Chlorotoluene	11.457	91	84817	19.971	ug/l	99
83) tert-Butylbenzene	11.713	119	88258	19.660	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	87996	20.070	ug/l	98
85) sec-Butylbenzene	11.890	105	108027	20.299	ug/l	99
86) p-Isopropyltoluene	12.006	119	88924	20.028	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	45144	19.935	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	46123	19.756	ug/l	99
89) n-Butylbenzene	12.335	91	73372	19.738	ug/l	99
90) Hexachloroethane	12.536	117	15158	18.203	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	45430	19.617	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7901	18.805	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	25249	18.912	ug/l	97
94) Hexachlorobutadiene	13.725	225	10892	20.580	ug/l	96
95) Naphthalene	13.774	128	90994	18.540	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	26912	19.537	ug/l	100

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

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