

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101524\
 Data File : VX043392.D
 Acq On : 15 Oct 2024 09:54
 Operator : JC/MD
 Sample : VX1015WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/16/2024
 Supervised By : Mahesh Dadoda 10/16/2024

Quant Time: Oct 16 07:16:48 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	98951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	177022	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87646	54.236	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.480%			
35) Dibromofluoromethane	5.385	113	63812	52.270	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.540%			
50) Toluene-d8	8.647	98	211521	49.997	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.000%			
62) 4-Bromofluorobenzene	11.079	95	78763	51.245	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23323	20.264	ug/l	95
3) Chloromethane	1.294	50	24303	20.502	ug/l	97
4) Vinyl Chloride	1.374	62	25006	21.060	ug/l	99
5) Bromomethane	1.599	94	10482	21.608	ug/l	94
6) Chloroethane	1.666	64	10924	24.706	ug/l	99
7) Trichlorofluoromethane	1.874	101	39936	22.511	ug/l	99
8) Diethyl Ether	2.136	74	14694	21.284	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	23656	21.367	ug/l	99
10) Methyl Iodide	2.447	142	28258	20.322	ug/l	98
11) Tert butyl alcohol	2.995	59	35128	114.230	ug/l	97
12) 1,1-Dichloroethene	2.313	96	22270	20.257	ug/l	99
13) Acrolein	2.239	56	23974	82.540	ug/l	99
14) Allyl chloride	2.660	41	39226	21.718	ug/l	99
15) Acrylonitrile	3.069	53	67200	107.017	ug/l	97
16) Acetone	2.386	43	79100	117.209	ug/l	99
17) Carbon Disulfide	2.508	76	47165	17.638	ug/l	97
18) Methyl Acetate	2.709	43	33879	20.012	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	86315	21.945	ug/l	99
20) Methylene Chloride	2.788	84	25276	20.313	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	22907	20.936	ug/l	95
22) Diisopropyl ether	3.764	45	80623	22.192	ug/l	96
23) Vinyl Acetate	3.721	43	355067	92.031	ug/l	99
24) 1,1-Dichloroethane	3.605	63	46320	21.886	ug/l	100
25) 2-Butanone	4.562	43	101614	109.814	ug/l	100
26) 2,2-Dichloropropane	4.471	77	44797	22.246	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	29088	21.317	ug/l	98
28) Bromochloromethane	4.898	49	16388	19.627	ug/l	94
29) Tetrahydrofuran	5.007	42	62156	105.443	ug/l	98
30) Chloroform	5.093	83	50989	21.938	ug/l	99
31) Cyclohexane	5.464	56	37680	21.609	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	46562	21.811	ug/l	100
36) 1,1-Dichloropropene	5.690	75	31803	20.621	ug/l	99
37) Ethyl Acetate	4.715	43	38492	20.783	ug/l	99
38) Carbon Tetrachloride	5.672	117	37705	20.651	ug/l	99
39) Methylcyclohexane	7.379	83	40363	20.808	ug/l	99
40) Benzene	6.038	78	98682	21.104	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	20170	20.921	ug/l	97
42) 1,2-Dichloroethane	6.086	62	41484	21.771	ug/l	100
43) Isopropyl Acetate	6.342	43	64748	21.165	ug/l	98
44) Trichloroethene	7.123	130	25252	20.360	ug/l	92
45) 1,2-Dichloropropane	7.434	63	24696	21.521	ug/l	97
46) Dibromomethane	7.580	93	19617	21.334	ug/l	98
47) Bromodichloromethane	7.818	83	36409	20.140	ug/l	98
48) Methyl methacrylate	7.690	41	30277	20.171	ug/l	98
49) 1,4-Dioxane	7.671	88	11638	398.868	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	191598	103.122	ug/l	99
52) Toluene	8.714	92	61038	20.828	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	37314	20.771	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	39815	20.664	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	24683	21.193	ug/l	98
56) Ethyl methacrylate	9.116	69	39487	20.737	ug/l	98
57) 1,3-Dichloropropane	9.305	76	41841	21.093	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	87091	101.469	ug/l	99
59) 2-Hexanone	9.433	43	147855	105.233	ug/l	99
60) Dibromochloromethane	9.519	129	27068	20.033	ug/l	100
61) 1,2-Dibromoethane	9.610	107	26272	20.995	ug/l	97
64) Tetrachloroethene	9.269	164	22377	21.718	ug/l	95
65) Chlorobenzene	10.079	112	66894	20.955	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	23706	21.001	ug/l	97
67) Ethyl Benzene	10.189	91	117854	21.359	ug/l	99
68) m/p-Xylenes	10.299	106	86834	41.642	ug/l	98
69) o-Xylene	10.640	106	44049	21.258	ug/l	98
70) Styrene	10.653	104	71067	21.163	ug/l	99
71) Bromoform	10.799	173	16531	19.117	ug/l #	99
73) Isopropylbenzene	10.957	105	112733	21.755	ug/l	100
74) N-amyl acetate	10.842	43	51665	21.003	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	36569	21.663	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31916m	21.588	ug/l	
77) Bromobenzene	11.195	156	26298	20.854	ug/l	97
78) n-propylbenzene	11.305	91	125998	22.149	ug/l	100
79) 2-Chlorotoluene	11.360	91	79382	21.705	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	93304	21.828	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11576	20.293	ug/l	95
82) 4-Chlorotoluene	11.451	91	90686	21.767	ug/l	99
83) tert-Butylbenzene	11.713	119	95578	21.703	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	94975	22.082	ug/l	100
85) sec-Butylbenzene	11.890	105	112383	21.527	ug/l	100
86) p-Isopropyltoluene	12.006	119	94854	21.778	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47050	21.180	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	47505	20.742	ug/l	99
89) n-Butylbenzene	12.329	91	78372	21.493	ug/l	98
90) Hexachloroethane	12.536	117	16249	19.892	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	48073	21.161	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8171	19.825	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	26405	20.161	ug/l	98
94) Hexachlorobutadiene	13.725	225	11102	21.383	ug/l	97
95) Naphthalene	13.774	128	98259	20.408	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	28648	21.200	ug/l	100

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

