

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044229.D
 Acq On : 11 Dec 2024 15:42
 Operator : JC/MD
 Sample : VX1211WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS01

Quant Time: Dec 12 04:53:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/12/2024
 Supervised By : Mahesh Dadoda 12/12/2024

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	140486	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	250926	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	216141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99144	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	123375	50.088	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.180%	
35) Dibromofluoromethane	5.379	113	88367	50.847	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.700%	
50) Toluene-d8	8.647	98	303108	51.697	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.400%	
62) 4-Bromofluorobenzene	11.079	95	105484	51.488	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.980%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	40908	18.832	ug/l	98
3) Chloromethane	1.294	50	37012	17.817	ug/l	99
4) Vinyl Chloride	1.374	62	40551	18.738	ug/l	97
5) Bromomethane	1.593	94	27391	17.841	ug/l	97
6) Chloroethane	1.666	64	27055	20.077	ug/l	94
7) Trichlorofluoromethane	1.867	101	82818	19.548	ug/l	97
8) Diethyl Ether	2.130	74	25901	17.910	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	34108	19.895	ug/l	99
10) Methyl Iodide	2.441	142	39738	17.587	ug/l	99
11) Tert butyl alcohol	2.989	59	30062	86.597	ug/l	96
12) 1,1-Dichloroethene	2.306	96	29518	18.745	ug/l	94
13) Acrolein	2.233	56	40545	80.684	ug/l	99
14) Allyl chloride	2.654	41	49775	18.978	ug/l	98
15) Acrylonitrile	3.068	53	90920	94.549	ug/l	99
16) Acetone	2.386	43	109474	109.016	ug/l	96
17) Carbon Disulfide	2.502	76	52965	17.695	ug/l	99
18) Methyl Acetate	2.703	43	48515	18.737	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	114290	18.599	ug/l	97
20) Methylene Chloride	2.782	84	34869	18.487	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	31411	18.769	ug/l	92
22) Diisopropyl ether	3.757	45	110233	18.664	ug/l	88
23) Vinyl Acetate	3.721	43	474406	98.799	ug/l	100
24) 1,1-Dichloroethane	3.605	63	61985	18.828	ug/l	99
25) 2-Butanone	4.562	43	145048	101.602	ug/l	99
26) 2,2-Dichloropropane	4.465	77	55378	20.705	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	38179	17.963	ug/l	97
28) Bromochloromethane	4.897	49	28939	17.926	ug/l	99
29) Tetrahydrofuran	5.007	42	87748	95.759	ug/l	99
30) Chloroform	5.086	83	68463	18.509	ug/l	96
31) Cyclohexane	5.458	56	51804	19.486	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	57784	18.820	ug/l	97
36) 1,1-Dichloropropene	5.684	75	43684	19.446	ug/l	99
37) Ethyl Acetate	4.715	43	56837	20.468	ug/l	98
38) Carbon Tetrachloride	5.666	117	47702	19.723	ug/l	95
39) Methylcyclohexane	7.373	83	56236	20.940	ug/l	95
40) Benzene	6.031	78	131708	19.310	ug/l	100

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41) Methacrylonitrile	4.916	41	28644	19.426	ug/l	95
42) 1,2-Dichloroethane	6.086	62	54674	19.459	ug/l	99
43) Isopropyl Acetate	6.342	43	86860	20.013	ug/l	98
44) Trichloroethene	7.123	130	32585	19.158	ug/l	99
45) 1,2-Dichloropropane	7.427	63	33157	19.028	ug/l	95
46) Dibromomethane	7.580	93	25974	19.213	ug/l	98
47) Bromodichloromethane	7.818	83	45143	19.335	ug/l	97
48) Methyl methacrylate	7.690	41	41115	19.515	ug/l	98
49) 1,4-Dioxane	7.665	88	9928	284.215	ug/l #	67
51) 4-Methyl-2-Pentanone	8.574	43	281492	100.868	ug/l	99
52) Toluene	8.714	92	83086	19.398	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	45772	19.471	ug/l	94
54) cis-1,3-Dichloropropene	8.360	75	49764	19.575	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	33129	19.470	ug/l	98
56) Ethyl methacrylate	9.116	69	52935	19.706	ug/l	99
57) 1,3-Dichloropropane	9.305	76	57764	19.503	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	118535	87.488	ug/l	99
59) 2-Hexanone	9.433	43	213420	105.655	ug/l	99
60) Dibromochloromethane	9.519	129	30007	17.957	ug/l	93
61) 1,2-Dibromoethane	9.610	107	35470	20.479	ug/l	94
64) Tetrachloroethene	9.269	164	28130	19.609	ug/l	96
65) Chlorobenzene	10.079	112	89542	19.334	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	28771	19.329	ug/l	97
67) Ethyl Benzene	10.195	91	156232	19.523	ug/l	97
68) m/p-Xylenes	10.299	106	116054	39.523	ug/l	99
69) o-Xylene	10.640	106	57833	19.466	ug/l	99
70) Styrene	10.652	104	94117	19.761	ug/l	99
71) Bromoform	10.799	173	17394	18.717	ug/l #	99
73) Isopropylbenzene	10.963	105	148411	19.554	ug/l	100
74) N-amyl acetate	10.841	43	69750	19.885	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	50706	19.234	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	43256m	19.541	ug/l	
77) Bromobenzene	11.195	156	34658	18.831	ug/l	99
78) n-propylbenzene	11.305	91	165806	19.765	ug/l	100
79) 2-Chlorotoluene	11.366	91	104699	19.298	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	125037	19.866	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	12576	20.042	ug/l	93
82) 4-Chlorotoluene	11.451	91	119217	19.844	ug/l	98
83) tert-Butylbenzene	11.713	119	121503	19.533	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	124349	20.117	ug/l	98
85) sec-Butylbenzene	11.890	105	152241	20.160	ug/l	100
86) p-Isopropyltoluene	12.006	119	124136	19.751	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	61107	19.007	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	62465	18.901	ug/l	96
89) n-Butylbenzene	12.329	91	104854	19.840	ug/l	99
90) Hexachloroethane	12.536	117	17930	19.543	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	63333	18.972	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9621	18.800	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	36021	19.682	ug/l	96
94) Hexachlorobutadiene	13.725	225	13990	19.005	ug/l	97
95) Naphthalene	13.774	128	138624	19.405	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	36112	18.604	ug/l	99

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

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