

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044106.D
 Acq On : 03 Dec 2024 20:18
 Operator : JC/MD
 Sample : VX1203WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBSD01

Quant Time: Dec 04 04:20:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/04/2024
 Supervised By : Mahesh Dadoda 12/04/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	117183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	223238	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	89046	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	109439	54.450	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.900%
35) Dibromofluoromethane	5.379	113	76583	48.010	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.020%
50) Toluene-d8	8.647	98	263213	47.869	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.740%
62) 4-Bromofluorobenzene	11.079	95	96509	51.572	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.140%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	23504	15.833	ug/l	97
3) Chloromethane	1.295	50	27043	17.311	ug/l	96
4) Vinyl Chloride	1.374	62	29350	17.664	ug/l	97
5) Bromomethane	1.593	94	21377	20.913	ug/l	96
6) Chloroethane	1.666	64	20496	20.244	ug/l	100
7) Trichlorofluoromethane	1.868	101	56213	18.923	ug/l	96
8) Diethyl Ether	2.136	74	21268	19.642	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	27144	19.156	ug/l	96
10) Methyl Iodide	2.441	142	36907	20.854	ug/l	97
11) Tert butyl alcohol	2.995	59	29878	92.615	ug/l	97
12) 1,1-Dichloroethene	2.307	96	25669	19.010	ug/l	93
13) Acrolein	2.239	56	28819	84.752	ug/l	98
14) Allyl chloride	2.654	41	42913	19.450	ug/l	94
15) Acrylonitrile	3.063	53	79115	100.634	ug/l	100
16) Acetone	2.386	43	74766	80.992	ug/l	95
17) Carbon Disulfide	2.502	76	42447	15.240	ug/l #	92
18) Methyl Acetate	2.703	43	45923	21.362	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	104507	21.316	ug/l	97
20) Methylene Chloride	2.782	84	30662	19.573	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	26706	19.157	ug/l	94
22) Diisopropyl ether	3.757	45	100950	21.397	ug/l	88
23) Vinyl Acetate	3.721	43	403108	99.881	ug/l	99
24) 1,1-Dichloroethane	3.599	63	55388	20.350	ug/l	98
25) 2-Butanone	4.568	43	114163	95.845	ug/l	97
26) 2,2-Dichloropropane	4.471	77	45465	18.497	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	35174	20.412	ug/l	100
28) Bromochloromethane	4.891	49	27451	22.913	ug/l	100
29) Tetrahydrofuran	5.013	42	73113	100.123	ug/l	99
30) Chloroform	5.087	83	60985	20.833	ug/l	93
31) Cyclohexane	5.458	56	44292	19.772	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	52607	20.839	ug/l	99
36) 1,1-Dichloropropene	5.684	75	38437	19.337	ug/l	97
37) Ethyl Acetate	4.715	43	43976	17.823	ug/l	100
38) Carbon Tetrachloride	5.672	117	40069	17.940	ug/l	97
39) Methylcyclohexane	7.373	83	46336	17.943	ug/l	95
40) Benzene	6.031	78	116477	18.812	ug/l	99

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41) Methacrylonitrile	4.922	41	24145	19.119	ug/l	95
42) 1,2-Dichloroethane	6.086	62	50678	20.379	ug/l	99
43) Isopropyl Acetate	6.342	43	77242	19.671	ug/l	100
44) Trichloroethene	7.123	130	29559	16.864	ug/l	97
45) 1,2-Dichloropropane	7.428	63	29817	19.662	ug/l	97
46) Dibromomethane	7.580	93	23811	19.849	ug/l	96
47) Bromodichloromethane	7.818	83	41012	19.062	ug/l	98
48) Methyl methacrylate	7.696	41	35348	18.760	ug/l	96
49) 1,4-Dioxane	7.665	88	12596	375.284	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	242901	101.364	ug/l	97
52) Toluene	8.714	92	73335	19.789	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	39916	18.193	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	44972	18.698	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	29551	19.317	ug/l	97
56) Ethyl methacrylate	9.116	69	47922	20.112	ug/l	99
57) 1,3-Dichloropropane	9.305	76	51961	20.163	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	108823	82.695	ug/l	99
59) 2-Hexanone	9.433	43	177472	98.533	ug/l	100
60) Dibromochloromethane	9.519	129	27378	17.837	ug/l	100
61) 1,2-Dibromoethane	9.610	107	30300	19.588	ug/l	100
64) Tetrachloroethene	9.269	164	25119	20.139	ug/l	95
65) Chlorobenzene	10.080	112	80439	19.362	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	25692	19.068	ug/l	99
67) Ethyl Benzene	10.189	91	144923	20.586	ug/l	99
68) m/p-Xylenes	10.299	106	107350	40.890	ug/l	99
69) o-Xylene	10.640	106	52912	20.642	ug/l	97
70) Styrene	10.653	104	86143	20.319	ug/l	97
71) Bromoform	10.799	173	15244	16.297	ug/l #	97
73) Isopropylbenzene	10.964	105	137215	20.046	ug/l	98
74) N-amyl acetate	10.842	43	62560	19.729	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	45626	19.467	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	38753m	19.845	ug/l	
77) Bromobenzene	11.195	156	30839	18.887	ug/l	95
78) n-propylbenzene	11.305	91	155381	20.325	ug/l	97
79) 2-Chlorotoluene	11.360	91	96275	19.916	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	113983	20.241	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10069	14.070	ug/l #	80
82) 4-Chlorotoluene	11.451	91	111184	20.372	ug/l	98
83) tert-Butylbenzene	11.713	119	109978	19.704	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	116431	20.767	ug/l	96
85) sec-Butylbenzene	11.890	105	136655	19.982	ug/l	99
86) p-Isopropyltoluene	12.006	119	113782	20.483	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	56271	18.921	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	58341	19.242	ug/l	98
89) n-Butylbenzene	12.329	91	100767	20.574	ug/l	100
90) Hexachloroethane	12.536	117	15441	16.347	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	59164	19.713	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8204	17.469	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	33562	18.968	ug/l	98
94) Hexachlorobutadiene	13.725	225	12869	18.403	ug/l	98
95) Naphthalene	13.774	128	234814	36.866	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	34093	19.037	ug/l	95

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

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