

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
 Data File : VX040019.D
 Acq On : 30 Jan 2024 15:13
 Operator : JC/MD
 Sample : VX0130WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBS01

Quant Time: Jan 31 05:36:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 05:24:02 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/31/2024
 Supervised By : Semsettin Yesilyurt 01/31/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	94750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	158625	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71486	46.880	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.760%		
35) Dibromofluoromethane	5.385	113	55237	51.154	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.300%		
50) Toluene-d8	8.647	98	197381	48.878	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.760%		
62) 4-Bromofluorobenzene	11.079	95	77374	49.761	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.520%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	19216	18.006	ug/l	98
3) Chloromethane	1.295	50	18248	18.030	ug/l	99
4) Vinyl Chloride	1.374	62	17392	18.581	ug/l	95
5) Bromomethane	1.605	94	11410	12.539	ug/l	92
6) Chloroethane	1.685	64	10853	17.563	ug/l	100
7) Trichlorofluoromethane	1.886	101	26353	17.695	ug/l	94
8) Diethyl Ether	2.130	74	10128	19.236	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	20581	18.522	ug/l	96
10) Methyl Iodide	2.453	142	22268	18.825	ug/l	97
11) Tert butyl alcohol	2.953	59	26318	95.118	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	19919	18.691	ug/l	98
13) Acrolein	2.233	56	24697	93.164	ug/l	97
14) Allyl chloride	2.666	41	36140	18.813	ug/l	98
15) Acrylonitrile	3.062	53	65435	94.409	ug/l	99
16) Acetone	2.374	43	66062	92.462	ug/l	95
17) Carbon Disulfide	2.514	76	58006	18.616	ug/l	100
18) Methyl Acetate	2.703	43	35663	21.070	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	69667	19.084	ug/l	97
20) Methylene Chloride	2.788	84	23713	18.676	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	22198	18.914	ug/l	99
22) Diisopropyl ether	3.757	45	73273	19.692	ug/l	91
23) Vinyl Acetate	3.721	43	319256	95.871	ug/l	98
24) 1,1-Dichloroethane	3.611	63	41679	19.557	ug/l	100
25) 2-Butanone	4.550	43	94097	94.741	ug/l	95
26) 2,2-Dichloropropane	4.471	77	31489	18.937	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	25963	19.826	ug/l	95
28) Bromochloromethane	4.898	49	19729	19.853	ug/l	98
29) Tetrahydrofuran	4.995	42	62434	98.865	ug/l	99
30) Chloroform	5.093	83	43648	19.074	ug/l	93
31) Cyclohexane	5.471	56	36168	18.935	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	36912	18.795	ug/l	100
36) 1,1-Dichloropropene	5.696	75	31639	20.260	ug/l	97
37) Ethyl Acetate	4.715	43	34173	20.037	ug/l	97
38) Carbon Tetrachloride	5.678	117	30585	20.468	ug/l	96
39) Methylcyclohexane	7.379	83	36893	19.417	ug/l	99
40) Benzene	6.031	78	92572	20.352	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19102	22.085	ug/l	95
42) 1,2-Dichloroethane	6.092	62	35256	20.136	ug/l	98
43) Isopropyl Acetate	6.342	43	54515	20.269	ug/l	99
44) Trichloroethene	7.123	130	21978	18.361	ug/l	99
45) 1,2-Dichloropropane	7.434	63	23224	19.338	ug/l	100
46) Dibromomethane	7.580	93	17109	18.980	ug/l	96
47) Bromodichloromethane	7.818	83	31178	19.420	ug/l	97
48) Methyl methacrylate	7.690	41	26411	19.934	ug/l	92
49) 1,4-Dioxane	7.659	88	11200	389.013	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	186930	101.814	ug/l	98
52) Toluene	8.720	92	55915	19.723	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	31215	18.747	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	34321	19.317	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	23759	20.247	ug/l	91
56) Ethyl methacrylate	9.116	69	35262	20.578	ug/l	96
57) 1,3-Dichloropropane	9.305	76	39977	20.682	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	84667	98.254	ug/l	97
59) 2-Hexanone	9.427	43	147441	100.720	ug/l	99
60) Dibromochloromethane	9.519	129	22577	19.147	ug/l	98
61) 1,2-Dibromoethane	9.610	107	24509	19.319	ug/l	99
64) Tetrachloroethene	9.275	164	19438	19.944	ug/l	95
65) Chlorobenzene	10.080	112	61745	19.943	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.159	131	20633	19.733	ug/l	99
67) Ethyl Benzene	10.195	91	111870	20.138	ug/l	99
68) m/p-Xylenes	10.299	106	84855	40.603	ug/l	100
69) o-Xylene	10.640	106	40791	20.577	ug/l	99
70) Styrene	10.653	104	68281	20.437	ug/l	99
71) Bromoform	10.799	173	14620	18.209	ug/l #	99
73) Isopropylbenzene	10.964	105	106590	19.916	ug/l	98
74) N-amyl acetate	10.842	43	47715	19.472	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	38622	19.194	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31936m	20.122	ug/l	
77) Bromobenzene	11.195	156	24376	19.745	ug/l	98
78) n-propylbenzene	11.305	91	133231	20.230	ug/l	99
79) 2-Chlorotoluene	11.360	91	77296	19.495	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	94246	20.486	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	9019	19.708	ug/l	99
82) 4-Chlorotoluene	11.451	91	92386	20.302	ug/l	99
83) tert-Butylbenzene	11.713	119	88234	20.042	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	94727	20.634	ug/l	100
85) sec-Butylbenzene	11.890	105	117865	20.208	ug/l	100
86) p-Isopropyltoluene	12.006	119	95281	20.005	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	48968	19.662	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	49155	19.281	ug/l	98
89) n-Butylbenzene	12.329	91	90338	19.542	ug/l	98
90) Hexachloroethane	12.536	117	14641	19.835	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	47770	19.893	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8964	19.653	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	28953	19.288	ug/l	99
94) Hexachlorobutadiene	13.725	225	10780	18.231	ug/l	96
95) Naphthalene	13.774	128	98125	19.246	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	28409	19.141	ug/l	99

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

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