

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101824\
 Data File : VX043428.D
 Acq On : 18 Oct 2024 12:43
 Operator : JC/MD
 Sample : VX1018WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBSD01

Quant Time: Oct 18 23:17:21 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	5.549	168	68829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128346	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54333	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60784	54.074	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.140%	
35) Dibromofluoromethane	5.385	113	43305	48.925	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.860%	
50) Toluene-d8	8.646	98	134223	43.758	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 87.520%	
62) 4-Bromofluorobenzene	11.079	95	54555	48.957	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.920%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	14784	18.466	ug/l	99
3) Chloromethane	1.294	50	16190	19.635	ug/l	97
4) Vinyl Chloride	1.373	62	16150	19.554	ug/l	97
5) Bromomethane	1.599	94	7452	22.085	ug/l	99
6) Chloroethane	1.666	64	7738	25.159	ug/l	98
7) Trichlorofluoromethane	1.873	101	24566	19.907	ug/l	92
8) Diethyl Ether	2.135	74	11270	23.468	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.318	101	14600	18.959	ug/l	98
10) Methyl Iodide	2.446	142	19100	19.747	ug/l	99
11) Tert butyl alcohol	2.995	59	28778	134.535	ug/l	98
12) 1,1-Dichloroethene	2.312	96	14095	18.432	ug/l	94
13) Acrolein	2.239	56	18449	91.316	ug/l	98
14) Allyl chloride	2.660	41	27941	22.240	ug/l	97
15) Acrylonitrile	3.068	53	56090	128.415	ug/l	97
16) Acetone	2.385	43	58878	125.425	ug/l	99
17) Carbon Disulfide	2.507	76	28037	15.073	ug/l	99
18) Methyl Acetate	2.708	43	29611	25.145	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	67223	24.571	ug/l	99
20) Methylene Chloride	2.788	84	18514	21.391	ug/l	94
21) trans-1,2-Dichloroethene	3.086	96	15742	20.684	ug/l	93
22) Diisopropyl ether	3.769	45	60146	23.801	ug/l	91
23) Vinyl Acetate	3.720	43	273256	100.932	ug/l	99
24) 1,1-Dichloroethane	3.605	63	33036	22.440	ug/l	99
25) 2-Butanone	4.562	43	83059	129.044	ug/l	97
26) 2,2-Dichloropropane	4.470	77	29089	20.768	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	20866	21.983	ug/l	97
28) Bromochloromethane	4.903	49	10599	18.249	ug/l	100
29) Tetrahydrofuran	5.013	42	51409	125.378	ug/l	98
30) Chloroform	5.092	83	36158	22.365	ug/l	99
31) Cyclohexane	5.464	56	23293	19.204	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	30549	20.573	ug/l	100
36) 1,1-Dichloropropene	5.690	75	20450	18.288	ug/l	99
37) Ethyl Acetate	4.720	43	31499	23.457	ug/l	98
38) Carbon Tetrachloride	5.671	117	24012	18.140	ug/l	98
39) Methylcyclohexane	7.372	83	24797	17.632	ug/l	98
40) Benzene	6.031	78	68287	20.142	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	16316	23.342	ug/l	96
42) 1,2-Dichloroethane	6.086	62	32086	23.225	ug/l	100
43) Isopropyl Acetate	6.342	43	51005	22.996	ug/l	99
44) Trichloroethene	7.122	130	16708	18.581	ug/l	92
45) 1,2-Dichloropropane	7.427	63	17895	21.509	ug/l	100
46) Dibromomethane	7.580	93	14764	22.145	ug/l	99
47) Bromodichloromethane	7.823	83	27295	20.824	ug/l	99
48) Methyl methacrylate	7.695	41	24919	22.898	ug/l	98
49) 1,4-Dioxane	7.665	88	9745	460.657	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	162208	120.415	ug/l	99
52) Toluene	8.713	92	42653	20.074	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	28632	21.983	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	29849	21.367	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	19718	23.351	ug/l	97
56) Ethyl methacrylate	9.116	69	32354	23.435	ug/l	99
57) 1,3-Dichloropropane	9.305	76	34303	23.851	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	63480	102.010	ug/l	100
59) 2-Hexanone	9.433	43	121655	119.424	ug/l	100
60) Dibromochloromethane	9.518	129	20185	20.605	ug/l	99
61) 1,2-Dibromoethane	9.610	107	20832	22.961	ug/l	99
64) Tetrachloroethene	9.268	164	14569	18.189	ug/l	96
65) Chlorobenzene	10.079	112	48662	19.608	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	17724	20.197	ug/l	99
67) Ethyl Benzene	10.195	91	80729	18.820	ug/l	99
68) m/p-Xylenes	10.299	106	60209	37.141	ug/l	97
69) o-Xylene	10.640	106	31337	19.454	ug/l	100
70) Styrene	10.652	104	53430	20.467	ug/l	100
71) Bromoform	10.798	173	12849	19.114	ug/l #	98
73) Isopropylbenzene	10.963	105	76248	18.050	ug/l	99
74) N-amyl acetate	10.841	43	42443	21.166	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	30348	22.053	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	25669m	21.299	ug/l	
77) Bromobenzene	11.195	156	20213	19.663	ug/l	98
78) n-propylbenzene	11.304	91	84910	18.310	ug/l	99
79) 2-Chlorotoluene	11.365	91	57512	19.291	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	65179	18.705	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8817	18.961	ug/l	94
82) 4-Chlorotoluene	11.451	91	65100	19.168	ug/l	100
83) tert-Butylbenzene	11.713	119	65772	18.321	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	66493	18.965	ug/l	99
85) sec-Butylbenzene	11.890	105	76748	18.034	ug/l	99
86) p-Isopropyltoluene	12.006	119	64648	18.208	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	35333	19.512	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	35626	19.082	ug/l	98
89) n-Butylbenzene	12.329	91	52275	17.586	ug/l	99
90) Hexachloroethane	12.536	117	11113	16.689	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	38106	20.576	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	6631	19.736	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	20706	19.394	ug/l	99
94) Hexachlorobutadiene	13.725	225	7544	17.824	ug/l	98
95) Naphthalene	13.774	128	79991	20.381	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	21711	19.709	ug/l	97

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

