

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102124\
 Data File : VX043470.D
 Acq On : 21 Oct 2024 21:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 22 02:46:50 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	5.556	168	82784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162468	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78379	57.973	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.940%			
35) Dibromofluoromethane	5.385	113	61392	54.793	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.580%			
50) Toluene-d8	8.647	98	186308	47.982	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.960%			
62) 4-Bromofluorobenzene	11.079	95	73684	52.235	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.480%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	40490	42.049	ug/l	99
3) Chloromethane	1.295	50	52118	52.553	ug/l	98
4) Vinyl Chloride	1.380	62	50316	50.652	ug/l	98
5) Bromomethane	1.599	94	22477	55.384	ug/l	99
6) Chloroethane	1.673	64	31283	84.566	ug/l	100
7) Trichlorofluoromethane	1.880	101	73578	49.573	ug/l	100
8) Diethyl Ether	2.136	74	33194	57.470	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	40768	44.015	ug/l	97
10) Methyl Iodide	2.453	142	67403	57.939	ug/l	99
11) Tert butyl alcohol	2.983	59	78444	304.902	ug/l	99
12) 1,1-Dichloroethene	2.319	96	42972	46.721	ug/l	99
13) Acrolein	2.240	56	58234	239.649	ug/l	98
14) Allyl chloride	2.660	41	84158	55.694	ug/l	95
15) Acrylonitrile	3.069	53	148599	282.861	ug/l	100
16) Acetone	2.386	43	137110	242.844	ug/l	99
17) Carbon Disulfide	2.508	76	83630	37.382	ug/l	99
18) Methyl Acetate	2.709	43	79273	55.969	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	187791	57.069	ug/l	99
20) Methylene Chloride	2.788	84	59008	56.684	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	47798	52.216	ug/l	95
22) Diisopropyl ether	3.764	45	186379	61.322	ug/l	98
23) Vinyl Acetate	3.727	43	759583	218.584	ug/l	98
24) 1,1-Dichloroethane	3.611	63	102939	58.137	ug/l	100
25) 2-Butanone	4.562	43	211882	273.698	ug/l	99
26) 2,2-Dichloropropane	4.477	77	73376	43.555	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	66161	57.954	ug/l	96
28) Bromochloromethane	4.904	49	35434	50.725	ug/l	98
29) Tetrahydrofuran	5.007	42	134799	273.334	ug/l	98
30) Chloroform	5.093	83	114304	58.784	ug/l	95
31) Cyclohexane	5.465	56	62481	42.829	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	88223	49.397	ug/l	100
36) 1,1-Dichloropropene	5.690	75	57043	40.299	ug/l	98
37) Ethyl Acetate	4.721	43	80893	47.589	ug/l	99
38) Carbon Tetrachloride	5.678	117	65967	39.368	ug/l	99
39) Methylcyclohexane	7.379	83	65838	36.982	ug/l	97
40) Benzene	6.038	78	216190	50.376	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	43461	49.118	ug/l	98
42) 1,2-Dichloroethane	6.086	62	88464	50.585	ug/l	99
43) Isopropyl Acetate	6.342	43	135768	48.357	ug/l	99
44) Trichloroethene	7.123	130	52049	45.726	ug/l	96
45) 1,2-Dichloropropane	7.428	63	54593	51.836	ug/l	94
46) Dibromomethane	7.580	93	41679	49.386	ug/l	97
47) Bromodichloromethane	7.824	83	82253	49.574	ug/l	99
48) Methyl methacrylate	7.696	41	64915	47.122	ug/l	98
49) 1,4-Dioxane	7.665	88	27518	1027.608	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	425277	249.398	ug/l	100
52) Toluene	8.720	92	129224	48.044	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	80230	48.661	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	87328	49.384	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	54164	50.671	ug/l	99
56) Ethyl methacrylate	9.116	69	86311	49.388	ug/l	98
57) 1,3-Dichloropropane	9.305	76	92412	50.759	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	201145	255.346	ug/l	99
59) 2-Hexanone	9.427	43	316672	245.576	ug/l	100
60) Dibromochloromethane	9.519	129	57552	46.410	ug/l	99
61) 1,2-Dibromoethane	9.610	107	55734	48.529	ug/l	99
64) Tetrachloroethene	9.269	164	41169	40.867	ug/l	95
65) Chlorobenzene	10.080	112	147984	47.412	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	53095	48.108	ug/l	98
67) Ethyl Benzene	10.195	91	236809	43.895	ug/l	97
68) m/p-Xylenes	10.299	106	180656	88.610	ug/l	99
69) o-Xylene	10.640	106	93714	46.257	ug/l	99
70) Styrene	10.653	104	161413	49.162	ug/l	99
71) Bromoform	10.799	173	33992	40.206	ug/l #	100
73) Isopropylbenzene	10.964	105	221469	41.548	ug/l	99
74) N-amyl acetate	10.842	43	113646	44.912	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	79944	46.038	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	67180m	44.175	ug/l	
77) Bromobenzene	11.195	156	60197	46.406	ug/l	99
78) n-propylbenzene	11.305	91	245748	41.996	ug/l	100
79) 2-Chlorotoluene	11.366	91	169188	44.972	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	190770	43.386	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21195	36.120	ug/l	94
82) 4-Chlorotoluene	11.451	91	193841	45.231	ug/l	99
83) tert-Butylbenzene	11.713	119	186068	41.074	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	199931	45.190	ug/l	98
85) sec-Butylbenzene	11.890	105	216640	40.341	ug/l	98
86) p-Isopropyltoluene	12.006	119	183576	40.973	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	106090	46.427	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	106378	45.154	ug/l	97
89) n-Butylbenzene	12.329	91	149557	39.872	ug/l	100
90) Hexachloroethane	12.536	117	31045	36.947	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	106025	45.370	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17118	40.376	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	59383	44.078	ug/l	99
94) Hexachlorobutadiene	13.725	225	21468	40.197	ug/l	99
95) Naphthalene	13.774	128	202949	40.978	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	60810	43.748	ug/l	98

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

