

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044566.D
 Acq On : 30 Dec 2024 23:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2024
 Supervised By :Mahesh Dadoda 12/31/2024

Quant Time: Dec 31 03:44:33 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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	134908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	225955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97335	41.150	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.300%		
35) Dibromofluoromethane	5.379	113	78099	49.905	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.820%		
50) Toluene-d8	8.647	98	255928	48.474	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.940%		
62) 4-Bromofluorobenzene	11.079	95	92593	50.190	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	88473	42.412	ug/l	98
3) Chloromethane	1.294	50	80213	40.211	ug/l	98
4) Vinyl Chloride	1.374	62	85988	41.376	ug/l	100
5) Bromomethane	1.593	94	58486	39.669	ug/l	96
6) Chloroethane	1.660	64	55460	42.857	ug/l	99
7) Trichlorofluoromethane	1.867	101	160196	39.375	ug/l	98
8) Diethyl Ether	2.136	74	60946	43.886	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.312	101	77621	47.148	ug/l	95
10) Methyl Iodide	2.440	142	104691	48.249	ug/l	94
11) Tert butyl alcohol	2.995	59	68583	205.729	ug/l	100
12) 1,1-Dichloroethene	2.306	96	74754	49.435	ug/l	98
13) Acrolein	2.239	56	219281	454.411	ug/l	99
14) Allyl chloride	2.654	41	109846	43.612	ug/l	98
15) Acrylonitrile	3.068	53	206660	223.794	ug/l	100
16) Acetone	2.392	43	191360	198.438	ug/l	98
17) Carbon Disulfide	2.501	76	126347	43.956	ug/l	100
18) Methyl Acetate	2.709	43	113435	45.622	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	255271	43.259	ug/l	100
20) Methylene Chloride	2.782	84	80711	44.561	ug/l	93
21) trans-1,2-Dichloroethene	3.081	96	73581	45.785	ug/l	96
22) Diisopropyl ether	3.763	45	241729	42.621	ug/l	98
23) Vinyl Acetate	3.721	43	1052226	228.196	ug/l	98
24) 1,1-Dichloroethane	3.605	63	143640	45.434	ug/l	98
25) 2-Butanone	4.562	43	293704	214.237	ug/l	99
26) 2,2-Dichloropropane	4.464	77	92800	36.132	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	92046	45.097	ug/l	92
28) Bromochloromethane	4.897	49	61368	39.585	ug/l	90
29) Tetrahydrofuran	5.007	42	187403	212.969	ug/l	98
30) Chloroform	5.086	83	154551	43.510	ug/l	99
31) Cyclohexane	5.458	56	107006	41.915	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	135637	46.002	ug/l	99
36) 1,1-Dichloropropene	5.684	75	96599	47.753	ug/l	98
37) Ethyl Acetate	4.721	43	115086	46.024	ug/l	98
38) Carbon Tetrachloride	5.665	117	109326	50.199	ug/l	97
39) Methylcyclohexane	7.372	83	115954	47.948	ug/l	96
40) Benzene	6.031	78	301408	49.074	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	61126	46.035	ug/l	95
42) 1,2-Dichloroethane	6.086	62	118878	46.987	ug/l	97
43) Isopropyl Acetate	6.342	43	185677	47.508	ug/l	98
44) Trichloroethene	7.123	130	80026	52.249	ug/l	91
45) 1,2-Dichloropropane	7.427	63	74860	47.708	ug/l	97
46) Dibromomethane	7.580	93	60246	49.490	ug/l	91
47) Bromodichloromethane	7.818	83	108056	51.396	ug/l	99
48) Methyl methacrylate	7.696	41	88938	46.878	ug/l	96
49) 1,4-Dioxane	7.665	88	28733	913.462	ug/l #	73
51) 4-Methyl-2-Pentanone	8.573	43	608819	242.270	ug/l	98
52) Toluene	8.714	92	188560	48.888	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	103525	46.134	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	115192	50.320	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	79336	51.778	ug/l	98
56) Ethyl methacrylate	9.116	69	121845	50.372	ug/l	98
57) 1,3-Dichloropropane	9.305	76	130819	49.051	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	262876	215.466	ug/l	97
59) 2-Hexanone	9.433	43	449825	247.299	ug/l	98
60) Dibromochloromethane	9.518	129	81525	50.226	ug/l	98
61) 1,2-Dibromoethane	9.610	107	82337	52.792	ug/l	97
64) Tetrachloroethene	9.275	164	66308	50.030	ug/l	95
65) Chlorobenzene	10.079	112	213039	49.789	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	75033	54.563	ug/l	99
67) Ethyl Benzene	10.195	91	365437	49.429	ug/l	99
68) m/p-Xylenes	10.299	106	273541	100.832	ug/l	96
69) o-Xylene	10.640	106	137223	49.993	ug/l	96
70) Styrene	10.652	104	228924	52.025	ug/l	95
71) Bromoform	10.799	173	52709	54.252	ug/l #	100
73) Isopropylbenzene	10.963	105	358412	48.065	ug/l	98
74) N-amyl acetate	10.841	43	158466	45.983	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	123043	47.507	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	99157m	45.593	ug/l	
77) Bromobenzene	11.195	156	91064	50.361	ug/l	93
78) n-propylbenzene	11.305	91	398738	48.380	ug/l	97
79) 2-Chlorotoluene	11.366	91	245736	46.103	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	294610	47.642	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29397	39.990	ug/l	98
82) 4-Chlorotoluene	11.451	91	280598	47.540	ug/l	98
83) tert-Butylbenzene	11.713	119	304970	49.903	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	298601	49.168	ug/l	100
85) sec-Butylbenzene	11.890	105	359795	48.496	ug/l	98
86) p-Isopropyltoluene	12.006	119	308256	49.920	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	161456	51.117	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	161835	49.842	ug/l	97
89) n-Butylbenzene	12.329	91	250983	48.337	ug/l	99
90) Hexachloroethane	12.536	117	46260	51.321	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	163405	49.824	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23513	46.766	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	98627	54.853	ug/l	98
94) Hexachlorobutadiene	13.725	225	40268	55.678	ug/l	99
95) Naphthalene	13.774	128	348668	49.679	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	103555	54.300	ug/l	95

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

