

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042809.D
 Acq On : 01 Aug 2024 20:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 02 03:20:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:40:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/03/2024
 Supervised By :Semsettin Yesilyurt 08/03/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	88322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167126	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76403	53.844	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.680%			
35) Dibromofluoromethane	5.385	113	56362	48.818	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.640%			
50) Toluene-d8	8.653	98	202613	48.349	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.700%			
62) 4-Bromofluorobenzene	11.079	95	71872	46.931	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	73532	52.536	ug/l	97
3) Chloromethane	1.300	50	58952	54.500	ug/l	96
4) Vinyl Chloride	1.374	62	57486	52.475	ug/l	96
5) Bromomethane	1.599	94	19634	52.017	ug/l	99
6) Chloroethane	1.666	64	20378	51.523	ug/l	95
7) Trichlorofluoromethane	1.867	101	82275	55.959	ug/l	99
8) Diethyl Ether	2.136	74	31333	55.932	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.312	101	53378	48.130	ug/l	99
10) Methyl Iodide	2.440	142	54456	51.302	ug/l	97
11) Tert butyl alcohol	2.995	59	64512	244.221	ug/l #	90
12) 1,1-Dichloroethene	2.306	96	52604	48.936	ug/l	90
13) Acrolein	2.239	56	61566	222.309	ug/l	99
14) Allyl chloride	2.660	41	72500	52.457	ug/l #	95
15) Acrylonitrile	3.075	53	160826	275.937	ug/l	98
16) Acetone	2.392	43	146649	284.617	ug/l	95
17) Carbon Disulfide	2.501	76	124667	51.408	ug/l	100
18) Methyl Acetate	2.709	43	82658	63.920	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	195750	54.927	ug/l	99
20) Methylene Chloride	2.788	84	62812	53.051	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	56675	51.097	ug/l	85
22) Diisopropyl ether	3.769	45	166957	56.353	ug/l #	84
23) Vinyl Acetate	3.727	43	758040	294.317	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	105053	54.587	ug/l	96
25) 2-Butanone	4.568	43	229872	303.648	ug/l	91
26) 2,2-Dichloropropane	4.471	77	66330	40.268	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	69581	53.664	ug/l	88
28) Bromochloromethane	4.897	49	37500	54.359	ug/l	94
29) Tetrahydrofuran	5.013	42	144413	306.255	ug/l	89
30) Chloroform	5.092	83	116637	54.505	ug/l	99
31) Cyclohexane	5.458	56	84192	53.850	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	106624	56.098	ug/l	98
36) 1,1-Dichloropropene	5.690	75	74537	49.783	ug/l	98
37) Ethyl Acetate	4.727	43	84571	55.335	ug/l	95
38) Carbon Tetrachloride	5.672	117	88888	51.515	ug/l	93
39) Methylcyclohexane	7.379	83	91274	48.649	ug/l	92
40) Benzene	6.037	78	236329	50.304	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	46291	57.275	ug/l #	89
42) 1,2-Dichloroethane	6.092	62	94376	55.619	ug/l	98
43) Isopropyl Acetate	6.348	43	139197	58.228	ug/l #	95
44) Trichloroethene	7.129	130	57748	46.953	ug/l	98
45) 1,2-Dichloropropane	7.433	63	58366	55.402	ug/l	100
46) Dibromomethane	7.580	93	45494	50.706	ug/l	99
47) Bromodichloromethane	7.824	83	88034	53.807	ug/l	94
48) Methyl methacrylate	7.696	41	70049	59.600	ug/l	89
49) 1,4-Dioxane	7.665	88	29835	1011.622	ug/l #	88
51) 4-Methyl-2-Pentanone	8.580	43	470838	297.382	ug/l	96
52) Toluene	8.720	92	152162	49.921	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	83980	51.812	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	92998	54.013	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	60581	49.141	ug/l	94
56) Ethyl methacrylate	9.116	69	100125	56.077	ug/l	94
57) 1,3-Dichloropropane	9.311	76	103216	53.054	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	239033	290.675	ug/l	97
59) 2-Hexanone	9.433	43	354041	288.354	ug/l	93
60) Dibromochloromethane	9.525	129	66398	53.173	ug/l	100
61) 1,2-Dibromoethane	9.610	107	63821	52.175	ug/l	100
64) Tetrachloroethene	9.275	164	53317	53.434	ug/l	93
65) Chlorobenzene	10.079	112	161920	49.785	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	55948	51.494	ug/l	99
67) Ethyl Benzene	10.195	91	278795	50.986	ug/l	97
68) m/p-Xylenes	10.299	106	212064	101.513	ug/l	99
69) o-Xylene	10.640	106	104887	50.784	ug/l	97
70) Styrene	10.652	104	177968	50.985	ug/l	98
71) Bromoform	10.799	173	41881	51.593	ug/l #	98
73) Isopropylbenzene	10.963	105	269157	51.956	ug/l	99
74) N-amyl acetate	10.841	43	114444	57.470	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	90237	50.473	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	84732m	54.766	ug/l	
77) Bromobenzene	11.201	156	62635	48.821	ug/l	96
78) n-propylbenzene	11.305	91	304325	52.685	ug/l	99
79) 2-Chlorotoluene	11.366	91	191710	50.994	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	226820	51.099	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25725	49.213	ug/l	94
82) 4-Chlorotoluene	11.457	91	220680	51.729	ug/l	100
83) tert-Butylbenzene	11.713	119	227812	51.498	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	231823	52.308	ug/l	97
85) sec-Butylbenzene	11.890	105	279628	51.631	ug/l	100
86) p-Isopropyltoluene	12.006	119	233947	51.237	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	117961	49.294	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	118060	49.114	ug/l	99
89) n-Butylbenzene	12.335	91	196399	52.566	ug/l	98
90) Hexachloroethane	12.536	117	41735	51.596	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	118353	50.005	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22282	56.012	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	66842	49.192	ug/l	97
94) Hexachlorobutadiene	13.725	225	26379	44.704	ug/l	98
95) Naphthalene	13.774	128	268565	51.795	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	69911	50.055	ug/l	98

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

