

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110724\
 Data File : VX043726.D
 Acq On : 07 Nov 2024 10:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 08 04:02:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/08/2024
 Supervised By :Semsettin Yesilyurt 11/08/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	96887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	175036	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	158336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71099	46.022	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.040%		
35) Dibromofluoromethane	5.379	113	62667	52.798	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.600%		
50) Toluene-d8	8.647	98	212482	51.716	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.440%		
62) 4-Bromofluorobenzene	11.079	95	82206	53.995	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	108.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	40897	39.470	ug/l	98
3) Chloromethane	1.295	50	51793	39.104	ug/l	97
4) Vinyl Chloride	1.374	62	50074	40.735	ug/l	99
5) Bromomethane	1.593	94	24044	47.980	ug/l	96
6) Chloroethane	1.666	64	23981	55.373	ug/l	99
7) Trichlorofluoromethane	1.868	101	70625	47.030	ug/l	99
8) Diethyl Ether	2.136	74	34334	49.484	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	50924	50.142	ug/l	96
10) Methyl Iodide	2.441	142	75184	51.240	ug/l	94
11) Tert butyl alcohol	2.995	59	76043m	263.716	ug/l	
12) 1,1-Dichloroethene	2.307	96	47930	46.183	ug/l	90
13) Acrolein	2.233	56	45297	200.872	ug/l	99
14) Allyl chloride	2.654	41	81954	45.655	ug/l	93
15) Acrylonitrile	3.063	53	171571	263.537	ug/l	99
16) Acetone	2.386	43	156752	255.512	ug/l	96
17) Carbon Disulfide	2.502	76	84251	38.822	ug/l	97
18) Methyl Acetate	2.703	43	87729	48.929	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	191947	48.632	ug/l	97
20) Methylene Chloride	2.782	84	63254	47.841	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	50495	46.053	ug/l	96
22) Diisopropyl ether	3.764	45	181864	49.015	ug/l	91
23) Vinyl Acetate	3.715	43	761207	248.326	ug/l	97
24) 1,1-Dichloroethane	3.605	63	101280	47.492	ug/l	98
25) 2-Butanone	4.556	43	231416	258.596	ug/l	95
26) 2,2-Dichloropropane	4.465	77	81989	46.968	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	71746	51.224	ug/l	94
28) Bromochloromethane	4.891	49	49092	48.391	ug/l	90
29) Tetrahydrofuran	5.001	42	143888	247.417	ug/l	94
30) Chloroform	5.080	83	110008	49.209	ug/l	95
31) Cyclohexane	5.452	56	70194	43.034	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	84301	44.917	ug/l	97
36) 1,1-Dichloropropene	5.678	75	62253	44.233	ug/l	97
37) Ethyl Acetate	4.715	43	89119	52.158	ug/l	98
38) Carbon Tetrachloride	5.672	117	70414	45.280	ug/l	96
39) Methylcyclohexane	7.373	83	79220	45.337	ug/l	97
40) Benzene	6.032	78	225314	47.989	ug/l	100

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41) Methacrylonitrile	4.916	41	45739	50.998	ug/l	94
42) 1,2-Dichloroethane	6.080	62	79056	46.836	ug/l	97
43) Isopropyl Acetate	6.336	43	136488	48.302	ug/l	97
44) Trichloroethene	7.117	130	57068	48.926	ug/l	91
45) 1,2-Dichloropropane	7.428	63	58488	50.592	ug/l	99
46) Dibromomethane	7.580	93	44452	49.937	ug/l	94
47) Bromodichloromethane	7.818	83	80716	51.689	ug/l	99
48) Methyl methacrylate	7.690	41	63927	47.717	ug/l	94
49) 1,4-Dioxane	7.665	88	26337	956.867	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	442259	256.791	ug/l	96
52) Toluene	8.714	92	143786	50.497	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	85701	51.097	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	94554	52.910	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	64455	54.381	ug/l	98
56) Ethyl methacrylate	9.116	69	99269	51.545	ug/l	91
57) 1,3-Dichloropropane	9.305	76	102262	51.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	220555	236.461	ug/l	96
59) 2-Hexanone	9.427	43	340727	260.484	ug/l	95
60) Dibromochloromethane	9.519	129	66205	56.409	ug/l	99
61) 1,2-Dibromoethane	9.604	107	64872	52.726	ug/l	100
64) Tetrachloroethene	9.269	164	47397	47.595	ug/l	93
65) Chlorobenzene	10.080	112	170542	50.064	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	60095	54.010	ug/l	99
67) Ethyl Benzene	10.189	91	261828	47.137	ug/l	99
68) m/p-Xylenes	10.299	106	214987	101.208	ug/l	94
69) o-Xylene	10.640	106	110658	51.848	ug/l	93
70) Styrene	10.653	104	188922	53.257	ug/l	99
71) Bromoform	10.799	173	43229	54.035	ug/l #	97
73) Isopropylbenzene	10.957	105	258677	46.842	ug/l	99
74) N-amyl acetate	10.842	43	118262	43.961	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	98355	49.529	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	81778m	49.061	ug/l	
77) Bromobenzene	11.195	156	73130	51.285	ug/l	95
78) n-propylbenzene	11.299	91	290283	48.211	ug/l	98
79) 2-Chlorotoluene	11.360	91	191423	47.944	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	222419	48.305	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	31025	51.204	ug/l	90
82) 4-Chlorotoluene	11.451	91	218621	48.785	ug/l	94
83) tert-Butylbenzene	11.713	119	226162	48.296	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	234939	50.067	ug/l	97
85) sec-Butylbenzene	11.890	105	267606	48.754	ug/l	99
86) p-Isopropyltoluene	12.006	119	229151	49.115	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	132648	51.900	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	135442	51.143	ug/l	97
89) n-Butylbenzene	12.329	91	187426	49.300	ug/l	98
90) Hexachloroethane	12.536	117	37580	49.587	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	136634	52.280	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19558	48.312	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	85302	53.772	ug/l	99
94) Hexachlorobutadiene	13.725	225	28424	48.597	ug/l	97
95) Naphthalene	13.774	128	307571	50.666	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	89578	53.557	ug/l	97

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

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