

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101024\
 Data File : VX043354.D
 Acq On : 10 Oct 2024 16:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024

Quant Time: Oct 11 01:46:01 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	5.544	168	96637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	164635	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	79631	50.456	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.920%			
35) Dibromofluoromethane	5.379	113	60845	53.590	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.180%			
50) Toluene-d8	8.647	98	205300	52.178	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.360%			
62) 4-Bromofluorobenzene	11.079	95	77807	54.432	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	61115	54.369	ug/l	95
3) Chloromethane	1.294	50	61284	52.937	ug/l	99
4) Vinyl Chloride	1.374	62	62231	53.666	ug/l	98
5) Bromomethane	1.599	94	25588	54.011	ug/l	99
6) Chloroethane	1.666	64	34349	79.544	ug/l	97
7) Trichlorofluoromethane	1.874	101	101637	58.662	ug/l	97
8) Diethyl Ether	2.136	74	33976	50.391	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	58753	54.340	ug/l	99
10) Methyl Iodide	2.447	142	71968	52.995	ug/l	99
11) Tert butyl alcohol	2.983	59	60861	202.648	ug/l	98
12) 1,1-Dichloroethene	2.313	96	54248	50.525	ug/l	99
13) Acrolein	2.239	56	49214	173.496	ug/l	100
14) Allyl chloride	2.660	41	91862	52.078	ug/l	98
15) Acrylonitrile	3.062	53	115967	189.101	ug/l	98
16) Acetone	2.386	43	137417	208.498	ug/l	100
17) Carbon Disulfide	2.508	76	132205	50.624	ug/l	97
18) Methyl Acetate	2.703	43	57342	34.682	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	191970	49.976	ug/l	100
20) Methylene Chloride	2.788	84	62142	51.137	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	56196	52.590	ug/l	95
22) Diisopropyl ether	3.757	45	188217	53.050	ug/l	94
23) Vinyl Acetate	3.715	43	773654	192.721	ug/l	99
24) 1,1-Dichloroethane	3.605	63	109022	52.746	ug/l	100
25) 2-Butanone	4.556	43	174450	193.042	ug/l	100
26) 2,2-Dichloropropane	4.465	77	105507	53.650	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	68965	51.750	ug/l	99
28) Bromochloromethane	4.891	49	36696	45.001	ug/l	99
29) Tetrahydrofuran	5.001	42	104314	181.198	ug/l	99
30) Chloroform	5.080	83	117060	51.572	ug/l	99
31) Cyclohexane	5.458	56	91142	53.520	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	109043	52.302	ug/l	100
36) 1,1-Dichloropropene	5.684	75	77256	53.861	ug/l	100
37) Ethyl Acetate	4.708	43	70080	40.685	ug/l	99
38) Carbon Tetrachloride	5.672	117	91324	53.783	ug/l	98
39) Methylcyclohexane	7.373	83	101777	56.417	ug/l	97
40) Benzene	6.031	78	231545	53.243	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	38685	43.144	ug/l	98
42) 1,2-Dichloroethane	6.080	62	94706	53.442	ug/l	100
43) Isopropyl Acetate	6.336	43	126324	44.401	ug/l	100
44) Trichloroethene	7.117	130	60726	52.647	ug/l	91
45) 1,2-Dichloropropane	7.421	63	57512	53.889	ug/l	100
46) Dibromomethane	7.574	93	44142	51.616	ug/l	99
47) Bromodichloromethane	7.818	83	90176	53.634	ug/l	98
48) Methyl methacrylate	7.690	41	62180	44.543	ug/l	99
49) 1,4-Dioxane	7.659	88	20709	763.159	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	347845	201.304	ug/l	99
52) Toluene	8.714	92	147701	54.191	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	92252	55.216	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	96748	53.991	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	54559	50.369	ug/l	98
56) Ethyl methacrylate	9.116	69	87747	49.549	ug/l	100
57) 1,3-Dichloropropane	9.305	76	94927	51.455	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	217312	272.239	ug/l	100
59) 2-Hexanone	9.427	43	263286	201.488	ug/l	100
60) Dibromochloromethane	9.519	129	64274	51.149	ug/l	98
61) 1,2-Dibromoethane	9.604	107	57175	49.128	ug/l	100
64) Tetrachloroethene	9.269	164	55568	55.970	ug/l	97
65) Chlorobenzene	10.073	112	163352	53.104	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	58240	53.544	ug/l	99
67) Ethyl Benzene	10.189	91	287416	54.057	ug/l	99
68) m/p-Xylenes	10.299	106	213702	106.356	ug/l	98
69) o-Xylene	10.640	106	105343	52.760	ug/l	98
70) Styrene	10.653	104	176385	54.510	ug/l	100
71) Bromoform	10.799	173	38984	46.787	ug/l #	98
73) Isopropylbenzene	10.957	105	274570	51.895	ug/l	100
74) N-amyl acetate	10.842	43	111877	44.543	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	74335	43.127	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	63350m	41.968	ug/l	
77) Bromobenzene	11.195	156	65294	50.711	ug/l	99
78) n-propylbenzene	11.299	91	318745	54.877	ug/l	99
79) 2-Chlorotoluene	11.360	91	191080	51.171	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	230653	52.848	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22857	39.243	ug/l	94
82) 4-Chlorotoluene	11.451	91	219940	51.704	ug/l	99
83) tert-Butylbenzene	11.713	119	230698	51.306	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	229361	52.229	ug/l	98
85) sec-Butylbenzene	11.890	105	286848	53.814	ug/l	99
86) p-Isopropyltoluene	12.006	119	240237	54.020	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	118518	52.253	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	117390	50.201	ug/l	99
89) n-Butylbenzene	12.329	91	210075	56.424	ug/l	99
90) Hexachloroethane	12.536	117	41309	49.529	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	116398	50.180	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15216	36.157	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	70709	52.877	ug/l	99
94) Hexachlorobutadiene	13.725	225	29168	55.022	ug/l	98
95) Naphthalene	13.774	128	205976	41.900	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	70324	50.970	ug/l	99

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

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