

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101124\
 Data File : VX043356.D
 Acq On : 11 Oct 2024 10:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Oct 14 02:41:46 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	92448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	157327	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	136983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	78912	52.266	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.540%			
35) Dibromofluoromethane	5.379	113	56524	52.096	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.200%			
50) Toluene-d8	8.647	98	193214	51.387	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.780%			
62) 4-Bromofluorobenzene	11.079	95	73468	53.784	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54724	50.890	ug/l	97
3) Chloromethane	1.294	50	55960	50.528	ug/l	99
4) Vinyl Chloride	1.374	62	56653	51.069	ug/l	97
5) Bromomethane	1.599	94	23529	51.915	ug/l	98
6) Chloroethane	1.666	64	19641	47.545	ug/l	95
7) Trichlorofluoromethane	1.868	101	86142	51.971	ug/l	98
8) Diethyl Ether	2.136	74	33746	52.318	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	53474	51.698	ug/l	99
10) Methyl Iodide	2.447	142	66084	50.867	ug/l	99
11) Tert butyl alcohol	3.001	59	81923	285.138	ug/l	99
12) 1,1-Dichloroethene	2.313	96	50699	49.359	ug/l	99
13) Acrolein	2.239	56	60853	224.249	ug/l	100
14) Allyl chloride	2.654	41	86585	51.310	ug/l	99
15) Acrylonitrile	3.069	53	150759	256.974	ug/l	99
16) Acetone	2.392	43	171567	272.107	ug/l	98
17) Carbon Disulfide	2.502	76	118950	47.612	ug/l	99
18) Methyl Acetate	2.703	43	75985	48.040	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	194796	53.009	ug/l	100
20) Methylene Chloride	2.782	84	57402	49.377	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	52364	51.225	ug/l	97
22) Diisopropyl ether	3.764	45	179025	52.745	ug/l	89
23) Vinyl Acetate	3.721	43	831328	214.556	ug/l	100
24) 1,1-Dichloroethane	3.605	63	102178	51.674	ug/l	99
25) 2-Butanone	4.562	43	232334	268.744	ug/l	100
26) 2,2-Dichloropropane	4.471	77	97547	51.850	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	65543	51.411	ug/l	99
28) Bromochloromethane	4.897	49	39604	50.768	ug/l	97
29) Tetrahydrofuran	5.001	42	139676	253.617	ug/l	99
30) Chloroform	5.086	83	110436	50.858	ug/l	96
31) Cyclohexane	5.458	56	84923	52.127	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	101911	51.096	ug/l	100
36) 1,1-Dichloropropene	5.684	75	72196	52.671	ug/l	99
37) Ethyl Acetate	4.708	43	88967	54.049	ug/l	98
38) Carbon Tetrachloride	5.666	117	85814	52.885	ug/l	99
39) Methylcyclohexane	7.373	83	95045	55.133	ug/l	99
40) Benzene	6.031	78	217370	52.306	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	46897	54.733	ug/l	96
42) 1,2-Dichloroethane	6.080	62	93143	55.001	ug/l	100
43) Isopropyl Acetate	6.342	43	147348	54.196	ug/l	100
44) Trichloroethene	7.123	130	56737	51.473	ug/l	98
45) 1,2-Dichloropropane	7.428	63	54455	53.395	ug/l	95
46) Dibromomethane	7.574	93	44667	54.656	ug/l	99
47) Bromodichloromethane	7.818	83	86815	54.033	ug/l	98
48) Methyl methacrylate	7.690	41	72246	54.157	ug/l	99
49) 1,4-Dioxane	7.665	88	26834	1034.810	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	444007	268.891	ug/l	100
52) Toluene	8.714	92	137997	52.983	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	89376	55.980	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	92299	53.901	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	55367	53.489	ug/l	98
56) Ethyl methacrylate	9.116	69	94041	55.570	ug/l	99
57) 1,3-Dichloropropane	9.305	76	94550	53.631	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	211981	277.896	ug/l	100
59) 2-Hexanone	9.427	43	338188	270.831	ug/l	99
60) Dibromochloromethane	9.519	129	63774	53.108	ug/l	99
61) 1,2-Dibromoethane	9.604	107	59614	53.604	ug/l	99
64) Tetrachloroethene	9.269	164	50097	52.706	ug/l	92
65) Chlorobenzene	10.079	112	151460	51.430	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	54158	52.008	ug/l	98
67) Ethyl Benzene	10.189	91	267858	52.621	ug/l	99
68) m/p-Xylenes	10.299	106	200960	104.467	ug/l	100
69) o-Xylene	10.640	106	98394	51.474	ug/l	99
70) Styrene	10.653	104	165835	53.531	ug/l	100
71) Bromoform	10.799	173	42101	52.777	ug/l #	99
73) Isopropylbenzene	10.963	105	257352	51.222	ug/l	100
74) N-amyl acetate	10.842	43	123703	51.866	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	84510	51.633	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	72614m	50.658	ug/l	
77) Bromobenzene	11.195	156	61075	49.952	ug/l	98
78) n-propylbenzene	11.305	91	293299	53.176	ug/l	100
79) 2-Chlorotoluene	11.360	91	178918	50.457	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	212687	51.318	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	28616	51.739	ug/l	96
82) 4-Chlorotoluene	11.451	91	207661	51.409	ug/l	100
83) tert-Butylbenzene	11.713	119	216448	50.692	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	215396	51.653	ug/l	99
85) sec-Butylbenzene	11.890	105	265240	52.401	ug/l	99
86) p-Isopropyltoluene	12.006	119	223485	52.920	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	111776	51.896	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	112698	50.752	ug/l	99
89) n-Butylbenzene	12.329	91	195883	55.404	ug/l	100
90) Hexachloroethane	12.536	117	40979	51.741	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	112765	51.195	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20664	51.709	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	69334	54.600	ug/l	99
94) Hexachlorobutadiene	13.725	225	27950	55.523	ug/l	97
95) Naphthalene	13.774	128	244344	52.343	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	70677	53.945	ug/l	97

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

