

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103124\
 Data File : VX043637.D
 Acq On : 31 Oct 2024 09:26
 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 01 00:46:28 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 :Semsettin Yesilyurt 11/04/2024
 Supervised By :Mahesh Dadoda 11/04/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	125344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	226770	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	102825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	94555	47.310	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.620%		
35) Dibromofluoromethane	5.379	113	81900	53.261	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.520%		
50) Toluene-d8	8.647	98	283128	53.189	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.380%		
62) 4-Bromofluorobenzene	11.079	95	110193	55.866	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	111.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54630	40.754	ug/l	95
3) Chloromethane	1.294	50	71057	41.468	ug/l	99
4) Vinyl Chloride	1.374	62	68813	43.270	ug/l	100
5) Bromomethane	1.593	94	30713	47.374	ug/l	100
6) Chloroethane	1.660	64	27974	49.929	ug/l	96
7) Trichlorofluoromethane	1.868	101	92945	47.841	ug/l	96
8) Diethyl Ether	2.130	74	43629	48.605	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.313	101	63383	48.241	ug/l	97
10) Methyl Iodide	2.441	142	97408	51.315	ug/l	95
11) Tert butyl alcohol	2.995	59	99369m	266.372	ug/l	
12) 1,1-Dichloroethene	2.306	96	62541	46.580	ug/l	92
13) Acrolein	2.233	56	70032	240.054	ug/l	99
14) Allyl chloride	2.654	41	110307	47.499	ug/l	95
15) Acrylonitrile	3.062	53	212187	251.929	ug/l	99
16) Acetone	2.386	43	214461	270.215	ug/l	98
17) Carbon Disulfide	2.495	76	123686	44.054	ug/l	99
18) Methyl Acetate	2.703	43	108365	46.717	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	242584	47.508	ug/l	100
20) Methylene Chloride	2.782	84	81093	47.409	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	67589	47.648	ug/l	94
22) Diisopropyl ether	3.764	45	230005	47.916	ug/l	90
23) Vinyl Acetate	3.715	43	984017	248.133	ug/l	99
24) 1,1-Dichloroethane	3.599	63	131422	47.635	ug/l	98
25) 2-Butanone	4.556	43	293485	253.499	ug/l	97
26) 2,2-Dichloropropane	4.465	77	107641	47.664	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	91468	50.479	ug/l	95
28) Bromochloromethane	4.891	49	64385	49.057	ug/l	97
29) Tetrahydrofuran	5.007	42	178696	237.510	ug/l	95
30) Chloroform	5.080	83	140643	48.630	ug/l	95
31) Cyclohexane	5.458	56	95297	45.160	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	109959	45.286	ug/l	99
36) 1,1-Dichloropropene	5.678	75	81638	44.773	ug/l	97
37) Ethyl Acetate	4.715	43	103743	46.865	ug/l	97
38) Carbon Tetrachloride	5.666	117	90676	45.007	ug/l	99
39) Methylcyclohexane	7.373	83	105853	46.759	ug/l	97
40) Benzene	6.031	78	292561	48.096	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	58055	49.963	ug/l	96
42) 1,2-Dichloroethane	6.080	62	103095	47.144	ug/l	96
43) Isopropyl Acetate	6.336	43	176311	48.161	ug/l	97
44) Trichloroethene	7.117	130	75252	49.797	ug/l	92
45) 1,2-Dichloropropane	7.428	63	74177	49.525	ug/l	97
46) Dibromomethane	7.580	93	56231	48.759	ug/l	97
47) Bromodichloromethane	7.818	83	102951	50.887	ug/l	99
48) Methyl methacrylate	7.690	41	83362	48.029	ug/l	94
49) 1,4-Dioxane	7.659	88	36151	1013.788	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	559948	250.953	ug/l	98
52) Toluene	8.714	92	183832	49.832	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	111615	51.365	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	121730	52.578	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	80170	52.209	ug/l	99
56) Ethyl methacrylate	9.116	69	128528	51.512	ug/l	93
57) 1,3-Dichloropropane	9.305	76	130821	51.223	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	294505	243.712	ug/l	97
59) 2-Hexanone	9.433	43	438273	258.620	ug/l	96
60) Dibromochloromethane	9.519	129	83451	54.882	ug/l	99
61) 1,2-Dibromoethane	9.610	107	81652	51.224	ug/l	97
64) Tetrachloroethene	9.269	164	61874	47.764	ug/l	93
65) Chlorobenzene	10.079	112	218743	49.365	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	73118	50.518	ug/l	97
67) Ethyl Benzene	10.189	91	345523	47.820	ug/l	100
68) m/p-Xylenes	10.299	106	271660	98.314	ug/l	97
69) o-Xylene	10.640	106	139708	50.322	ug/l	96
70) Styrene	10.653	104	243358	52.739	ug/l	99
71) Bromoform	10.799	173	54338	52.214	ug/l #	97
73) Isopropylbenzene	10.963	105	330629	45.392	ug/l	99
74) N-amyl acetate	10.842	43	161714	45.576	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	123053	46.981	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	102108m	46.444	ug/l	
77) Bromobenzene	11.195	156	91836	48.829	ug/l	97
78) n-propylbenzene	11.305	91	371402	46.766	ug/l	97
79) 2-Chlorotoluene	11.360	91	244006	46.335	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	288889	47.569	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	39258	49.124	ug/l	94
82) 4-Chlorotoluene	11.451	91	283576	47.976	ug/l	94
83) tert-Butylbenzene	11.713	119	293319	47.490	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	307148	49.626	ug/l	98
85) sec-Butylbenzene	11.890	105	341188	47.128	ug/l	99
86) p-Isopropyltoluene	12.006	119	299047	48.596	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	170973	50.718	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	173194	49.583	ug/l	99
89) n-Butylbenzene	12.329	91	252198	50.295	ug/l	98
90) Hexachloroethane	12.536	117	48476	48.496	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	174227	50.543	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23568	44.139	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	110193	52.665	ug/l	99
94) Hexachlorobutadiene	13.725	225	37269	48.310	ug/l	97
95) Naphthalene	13.774	128	395624	49.411	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	109661	49.709	ug/l	98

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

