

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044080.D
 Acq On : 03 Dec 2024 09:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 03 23:36:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/04/2024
 Supervised By : Mahesh Dadoda 12/04/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	121618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	213358	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	176784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80742	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	98754	47.342	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.680%
35) Dibromofluoromethane	5.379	113	73376	48.130	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.260%
50) Toluene-d8	8.641	98	241868	46.024	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.040%
62) 4-Bromofluorobenzene	11.079	95	86002	48.086	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.180%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	77028	49.995	ug/l	97
3) Chloromethane	1.294	50	72346	44.622	ug/l	99
4) Vinyl Chloride	1.374	62	78830	45.712	ug/l	100
5) Bromomethane	1.593	94	54150	51.043	ug/l	96
6) Chloroethane	1.666	64	47766	45.457	ug/l	94
7) Trichlorofluoromethane	1.867	101	159232	51.646	ug/l	99
8) Diethyl Ether	2.136	74	56459	50.242	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	78957	53.688	ug/l	99
10) Methyl Iodide	2.441	142	93461	50.884	ug/l	98
11) Tert butyl alcohol	3.001	59	67768	202.404	ug/l	99
12) 1,1-Dichloroethene	2.306	96	69715	49.747	ug/l	97
13) Acrolein	2.233	56	103745	293.971	ug/l	99
14) Allyl chloride	2.654	41	119629	52.243	ug/l	97
15) Acrylonitrile	3.062	53	202042	247.625	ug/l	97
16) Acetone	2.380	43	216737	226.224	ug/l	99
17) Carbon Disulfide	2.502	76	118932	41.143	ug/l	100
18) Methyl Acetate	2.703	43	114021	51.105	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	279863	55.000	ug/l	98
20) Methylene Chloride	2.782	84	80661	49.612	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	72450	50.074	ug/l	97
22) Diisopropyl ether	3.757	45	266922	54.513	ug/l	99
23) Vinyl Acetate	3.715	43	1122951	268.095	ug/l	100
24) 1,1-Dichloroethane	3.599	63	149965	53.090	ug/l	99
25) 2-Butanone	4.556	43	298242	241.257	ug/l	100
26) 2,2-Dichloropropane	4.465	77	137670	53.966	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	91125	50.952	ug/l	96
28) Bromochloromethane	4.885	49	56910	45.771	ug/l	97
29) Tetrahydrofuran	5.001	42	183280	241.836	ug/l	99
30) Chloroform	5.080	83	161025	53.002	ug/l	96
31) Cyclohexane	5.452	56	117302	50.455	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	144943	55.323	ug/l	99
36) 1,1-Dichloropropene	5.678	75	101939	53.658	ug/l	99
37) Ethyl Acetate	4.708	43	115630	49.032	ug/l	98
38) Carbon Tetrachloride	5.666	117	114443	53.612	ug/l	99
39) Methylcyclohexane	7.373	83	130286	52.789	ug/l	97
40) Benzene	6.025	78	308067	52.059	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	63065	52.250	ug/l	97
42) 1,2-Dichloroethane	6.080	62	126828	53.364	ug/l	99
43) Isopropyl Acetate	6.336	43	196403	52.332	ug/l	99
44) Trichloroethene	7.117	130	76735	45.806	ug/l	94
45) 1,2-Dichloropropane	7.421	63	79285	54.703	ug/l	99
46) Dibromomethane	7.574	93	60994	53.200	ug/l	98
47) Bromodichloromethane	7.818	83	114694	55.778	ug/l	100
48) Methyl methacrylate	7.690	41	90545	50.279	ug/l	99
49) 1,4-Dioxane	7.665	88	25891	807.115	ug/l #	77
51) 4-Methyl-2-Pentanone	8.574	43	595119	259.846	ug/l	98
52) Toluene	8.714	92	186592	52.681	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	114657	54.680	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	124525	54.172	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	76088	52.041	ug/l	96
56) Ethyl methacrylate	9.116	69	120599	52.956	ug/l	99
57) 1,3-Dichloropropane	9.305	76	129754	52.682	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	335288	268.848	ug/l	98
59) 2-Hexanone	9.427	43	446994	259.665	ug/l	100
60) Dibromochloromethane	9.519	129	80611	54.951	ug/l	99
61) 1,2-Dibromoethane	9.604	107	78699	53.233	ug/l	99
64) Tetrachloroethene	9.269	164	63805	54.736	ug/l	95
65) Chlorobenzene	10.079	112	204260	52.608	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	72671	57.712	ug/l	98
67) Ethyl Benzene	10.189	91	365475	55.550	ug/l	100
68) m/p-Xylenes	10.299	106	268253	109.334	ug/l	98
69) o-Xylene	10.640	106	134875	56.303	ug/l	99
70) Styrene	10.652	104	222671	56.200	ug/l	98
71) Bromoform	10.799	173	48529	50.664	ug/l #	100
73) Isopropylbenzene	10.957	105	354682	57.146	ug/l	100
74) N-ethyl acetate	10.841	43	160545	55.838	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	112859	53.106	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	95728m	54.063	ug/l	
77) Bromobenzene	11.195	156	78028	52.701	ug/l	99
78) n-propylbenzene	11.299	91	386775	55.797	ug/l	98
79) 2-Chlorotoluene	11.360	91	236670	53.994	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	284904	55.796	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	33223	51.200	ug/l	96
82) 4-Chlorotoluene	11.451	91	273209	55.209	ug/l	100
83) tert-Butylbenzene	11.713	119	284316	56.177	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	286601	56.377	ug/l	98
85) sec-Butylbenzene	11.890	105	351069	56.615	ug/l	100
86) p-Isopropyltoluene	12.006	119	289879	57.550	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	145831	54.080	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	145613	52.965	ug/l	97
89) n-Butylbenzene	12.329	91	262973	59.216	ug/l	98
90) Hexachloroethane	12.536	117	45678	53.331	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	144468	53.087	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22966	53.932	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	86393	53.848	ug/l	98
94) Hexachlorobutadiene	13.725	225	33230	52.406	ug/l	99
95) Naphthalene	13.774	128	321644	55.692	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	91871	56.575	ug/l	96

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

