

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043921.D
 Acq On : 20 Nov 2024 18:30
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 21 05:50:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 05:45:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/21/2024
 Supervised By : Mahesh Dadoda 11/22/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	167319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	307932	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103022	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	400156	155.700	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	311.400%#
35) Dibromofluoromethane	5.379	113	322351	155.900	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	311.800%#
50) Toluene-d8	8.647	98	1050711	152.108	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	304.220%#
62) 4-Bromofluorobenzene	11.079	95	325275	142.505	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	285.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	300725	177.623	ug/l	97
3) Chloromethane	1.295	50	357139	168.784	ug/l	100
4) Vinyl Chloride	1.374	62	357969	168.380	ug/l	99
5) Bromomethane	1.593	94	145014	150.164	ug/l	97
6) Chloroethane	1.660	64	130065m	128.092	ug/l	
7) Trichlorofluoromethane	1.861	101	488433	161.149	ug/l	98
8) Diethyl Ether	2.136	74	180630	158.073	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	292241	162.926	ug/l	98
10) Methyl Iodide	2.441	142	382355	151.463	ug/l	99
11) Tert butyl alcohol	3.020	59	377277	923.153	ug/l	97
12) 1,1-Dichloroethene	2.307	96	288594	165.774	ug/l	97
13) Acrolein	2.239	56	374936	818.038	ug/l	100
14) Allyl chloride	2.654	41	482011	170.773	ug/l	98
15) Acrylonitrile	3.069	53	873907	830.686	ug/l	100
16) Acetone	2.392	43	791455	766.738	ug/l	98
17) Carbon Disulfide	2.495	76	713516	187.709	ug/l	100
18) Methyl Acetate	2.709	43	442356	156.489	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	1039680	161.574	ug/l	99
20) Methylene Chloride	2.782	84	331677	153.508	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	307739	162.144	ug/l	99
22) Diisopropyl ether	3.764	45	971442	157.536	ug/l	99
23) Vinyl Acetate	3.721	43	4302896	860.886	ug/l	100
24) 1,1-Dichloroethane	3.605	63	581442	160.326	ug/l	100
25) 2-Butanone	4.568	43	1193790	826.713	ug/l	98
26) 2,2-Dichloropropane	4.471	77	493581	165.616	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	383345	162.303	ug/l	99
28) Bromochloromethane	4.898	49	235764	154.496	ug/l	99
29) Tetrahydrofuran	5.013	42	760349	814.871	ug/l	100
30) Chloroform	5.093	83	597034	157.930	ug/l	96
31) Cyclohexane	5.458	56	462881	157.475	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	537727	166.390	ug/l	99
36) 1,1-Dichloropropene	5.684	75	392871	152.456	ug/l	98
37) Ethyl Acetate	4.721	43	458661	156.625	ug/l	99
38) Carbon Tetrachloride	5.666	117	448669	164.454	ug/l	98
39) Methylcyclohexane	7.373	83	525948	163.033	ug/l	97
40) Benzene	6.031	78	1256878	155.133	ug/l	98

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41) Methacrylonitrile	4.922	41	245696	162.565	ug/l	98
42) 1,2-Dichloroethane	6.080	62	449877	152.924	ug/l	99
43) Isopropyl Acetate	6.342	43	755002	165.021	ug/l	99
44) Trichloroethene	7.123	130	322906	144.570	ug/l	99
45) 1,2-Dichloropropane	7.428	63	314541	158.404	ug/l	100
46) Dibromomethane	7.574	93	238635	159.481	ug/l	98
47) Bromodichloromethane	7.818	83	464964	176.856	ug/l	98
48) Methyl methacrylate	7.696	41	367099	161.883	ug/l	98
49) 1,4-Dioxane	7.665	88	163932m	3403.896	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	2334520	818.342	ug/l	97
52) Toluene	8.720	92	696641	149.041	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	455394	170.718	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	524114	173.385	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	279701	153.369	ug/l	98
56) Ethyl methacrylate	9.116	69	474704	164.397	ug/l #	88
57) 1,3-Dichloropropane	9.305	76	444602	145.515	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1267224	836.854	ug/l	100
59) 2-Hexanone	9.433	43	1674444	831.911	ug/l	94
60) Dibromochloromethane	9.519	129	301696	169.772	ug/l	99
61) 1,2-Dibromoethane	9.610	107	277826	146.047	ug/l	99
64) Tetrachloroethene	9.269	164	213991	144.284	ug/l	98
65) Chlorobenzene	10.079	112	730977	151.343	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	277044	172.351	ug/l	97
67) Ethyl Benzene	10.189	91	1303757	160.398	ug/l	98
68) m/p-Xylenes	10.299	106	907494	299.746	ug/l	96
69) o-Xylene	10.640	106	450970	152.665	ug/l	100
70) Styrene	10.653	104	774418	159.073	ug/l	98
71) Bromoform	10.799	173	194745	148.465	ug/l #	99
73) Isopropylbenzene	10.964	105	1153587	156.870	ug/l	100
74) N-amyl acetate	10.842	43	598048	152.737	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	394247	158.564	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	322285m	153.287	ug/l	
77) Bromobenzene	11.195	156	284369	157.783	ug/l	99
78) n-propylbenzene	11.305	91	1336722	164.741	ug/l	99
79) 2-Chlorotoluene	11.360	91	793603	153.712	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	963472	158.062	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	137574	153.218	ug/l	100
82) 4-Chlorotoluene	11.451	91	928956	156.233	ug/l	99
83) tert-Butylbenzene	11.713	119	964507	154.685	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	961945	155.395	ug/l	100
85) sec-Butylbenzene	11.890	105	1188523	159.619	ug/l	100
86) p-Isopropyltoluene	12.006	119	1002800	160.393	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	518229	155.151	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	514371	150.209	ug/l	99
89) n-Butylbenzene	12.329	91	922675	173.196	ug/l	99
90) Hexachloroethane	12.536	117	186490	146.779	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	524953	150.111	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	95327	147.987	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	338901	165.821	ug/l	98
94) Hexachlorobutadiene	13.725	225	128784	153.760	ug/l	98
95) Naphthalene	13.774	128	1237207	162.354	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	340693	159.996	ug/l	99

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

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