

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092324\
 Data File : VX043105.D
 Acq On : 23 Sep 2024 10:42
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 24 02:51:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 02:22:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/24/2024
 Supervised By : Mahesh Dadoda 09/24/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	96525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	169065	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75636	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	243334	151.768	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 303.540%#			
35) Dibromofluoromethane	5.385	113	182469	152.996	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 306.000%#			
50) Toluene-d8	8.647	98	610711	151.355	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 302.700%#			
62) 4-Bromofluorobenzene	11.079	95	252012	155.090	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 310.180%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	160779	156.193	ug/l	99
3) Chloromethane	1.294	50	163078	155.175	ug/l	99
4) Vinyl Chloride	1.374	62	169003	158.314	ug/l	99
5) Bromomethane	1.599	94	73172	119.145	ug/l	95
6) Chloroethane	1.672	64	93981	137.503	ug/l	99
7) Trichlorofluoromethane	1.880	101	292777	154.512	ug/l	98
8) Diethyl Ether	2.136	74	99284	156.061	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	163109	152.509	ug/l	99
10) Methyl Iodide	2.447	142	182426	143.511	ug/l	98
11) Tert butyl alcohol	2.977	59	250042	698.475	ug/l	100
12) 1,1-Dichloroethene	2.319	96	158591	155.026	ug/l	99
13) Acrolein	2.239	56	23488	510.149	ug/l	97
14) Allyl chloride	2.660	41	258959	136.326	ug/l	99
15) Acrylonitrile	3.069	53	473163	761.974	ug/l	99
16) Acetone	2.386	43	499113	665.648	ug/l	98
17) Carbon Disulfide	2.508	76	386064	151.824	ug/l	100
18) Methyl Acetate	2.703	43	314299	155.736	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	597605	153.313	ug/l	99
20) Methylene Chloride	2.788	84	176379	147.854	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	159948	151.105	ug/l	98
22) Diisopropyl ether	3.764	45	531524	149.437	ug/l	98
23) Vinyl Acetate	3.721	43	3166158	756.710	ug/l	99
24) 1,1-Dichloroethane	3.605	63	315375	153.357	ug/l	99
25) 2-Butanone	4.556	43	705898	730.318	ug/l	100
26) 2,2-Dichloropropane	4.471	77	317398	152.492	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	200962	152.503	ug/l	99
28) Bromochloromethane	4.898	49	125735	138.896	ug/l	100
29) Tetrahydrofuran	5.001	42	425527	732.046	ug/l	100
30) Chloroform	5.093	83	339186	149.588	ug/l	98
31) Cyclohexane	5.464	56	235363	149.269	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	327982	152.701	ug/l	99
36) 1,1-Dichloropropene	5.690	75	219212	149.584	ug/l	99
37) Ethyl Acetate	4.715	43	262306	142.499	ug/l	99
38) Carbon Tetrachloride	5.678	117	282546	149.671	ug/l	98
39) Methylcyclohexane	7.379	83	272219	148.011	ug/l	98
40) Benzene	6.038	78	644844	149.122	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	147328	160.994	ug/l	98
42) 1,2-Dichloroethane	6.086	62	278986	151.942	ug/l	99
43) Isopropyl Acetate	6.336	43	469359	152.659	ug/l	100
44) Trichloroethene	7.123	130	178963	151.257	ug/l	99
45) 1,2-Dichloropropane	7.428	63	164127	152.379	ug/l	100
46) Dibromomethane	7.580	93	138573	152.789	ug/l	97
47) Bromodichloromethane	7.818	83	290992	154.294	ug/l	97
48) Methyl methacrylate	7.690	41	229595	152.035	ug/l	99
49) 1,4-Dioxane	7.659	88	80363	2818.930	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1398292	740.308	ug/l	99
52) Toluene	8.714	92	415999	149.380	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	306089	158.104	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	303895	157.179	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	175188	152.788	ug/l	97
56) Ethyl methacrylate	9.116	69	310795	155.767	ug/l	99
57) 1,3-Dichloropropane	9.305	76	294134	150.821	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	652072	808.264	ug/l	100
59) 2-Hexanone	9.433	43	1078898	730.516	ug/l	99
60) Dibromochloromethane	9.519	129	230179	153.720	ug/l	99
61) 1,2-Dibromoethane	9.610	107	188584	150.314	ug/l	100
64) Tetrachloroethene	9.275	164	150104	134.443	ug/l	95
65) Chlorobenzene	10.079	112	494624	148.796	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	186646	152.223	ug/l	100
67) Ethyl Benzene	10.195	91	859148	149.412	ug/l	99
68) m/p-Xylenes	10.299	106	637246	297.789	ug/l	100
69) o-Xylene	10.640	106	321820	149.939	ug/l	97
70) Styrene	10.653	104	548850	153.301	ug/l	100
71) Bromoform	10.799	173	166342	154.245	ug/l #	99
73) Isopropylbenzene	10.963	105	841043	148.270	ug/l	99
74) N-amyl acetate	10.842	43	408578	153.301	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	266608	146.064	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	233780m	145.379	ug/l	
77) Bromobenzene	11.195	156	202464	148.681	ug/l	98
78) n-propylbenzene	11.305	91	964634	149.891	ug/l	100
79) 2-Chlorotoluene	11.366	91	583396	144.530	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	696502	148.408	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	106994	158.527	ug/l	97
82) 4-Chlorotoluene	11.451	91	692452	150.085	ug/l	100
83) tert-Butylbenzene	11.713	119	721577	149.208	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	705064	151.005	ug/l	100
85) sec-Butylbenzene	11.890	105	890390	149.804	ug/l	100
86) p-Isopropyltoluene	12.006	119	752318	152.458	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	375729	151.325	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	372237	149.502	ug/l	98
89) n-Butylbenzene	12.329	91	694541	161.502	ug/l	100
90) Hexachloroethane	12.536	117	157915	160.579	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	362643	148.306	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	76012	154.027	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	242159	159.736	ug/l	97
94) Hexachlorobutadiene	13.725	225	96902	152.136	ug/l	99
95) Naphthalene	13.774	128	848994	161.119	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	242472	160.982	ug/l	99

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

