

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100124\
 Data File : VX043212.D
 Acq On : 01 Oct 2024 13:31
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 02 03:07:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 02:49:43 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	96540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	170430	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67395	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	260537	165.248	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 330.500%#	
35) Dibromofluoromethane	5.385	113	196329	167.038	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 334.080%#	
50) Toluene-d8	8.647	98	663860	162.985	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 325.960%#	
62) 4-Bromofluorobenzene	11.079	95	245454	165.876	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 331.760%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	189371	168.638	ug/l	96
3) Chloromethane	1.294	50	182201	157.542	ug/l	99
4) Vinyl Chloride	1.374	62	192240	165.948	ug/l	98
5) Bromomethane	1.599	94	79744	168.492	ug/l	97
6) Chloroethane	1.666	64	62260	144.323	ug/l	100
7) Trichlorofluoromethane	1.867	101	274466	158.573	ug/l	97
8) Diethyl Ether	2.136	74	109272	162.229	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	177383	164.223	ug/l	99
10) Methyl Iodide	2.440	142	214362	158.007	ug/l	97
11) Tert butyl alcohol	3.014	59	246905m	732.664	ug/l	
12) 1,1-Dichloroethene	2.306	96	174881	163.044	ug/l	96
13) Acrolein	2.239	56	236895	835.976	ug/l	97
14) Allyl chloride	2.660	41	266167	151.044	ug/l	98
15) Acrylonitrile	3.075	53	478930	781.750	ug/l	100
16) Acetone	2.392	43	455348	691.577	ug/l	100
17) Carbon Disulfide	2.501	76	437768	167.798	ug/l	98
18) Methyl Acetate	2.709	43	273600	165.645	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	626017	163.135	ug/l	100
20) Methylene Chloride	2.788	84	188934	155.631	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	176016	164.887	ug/l	95
22) Diisopropyl ether	3.770	45	575491	162.367	ug/l	88
23) Vinyl Acetate	3.727	43	3520717	940.027	ug/l	100
24) 1,1-Dichloroethane	3.605	63	337802	163.595	ug/l	99
25) 2-Butanone	4.568	43	691799	766.295	ug/l	99
26) 2,2-Dichloropropane	4.471	77	313374	159.510	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	217139	163.101	ug/l	98
28) Bromochloromethane	4.897	49	121651	149.334	ug/l	100
29) Tetrahydrofuran	5.007	42	443722	771.539	ug/l	100
30) Chloroform	5.092	83	359608	158.587	ug/l	100
31) Cyclohexane	5.464	56	265725	156.194	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	339695	163.097	ug/l	100
36) 1,1-Dichloropropene	5.690	75	237480	159.935	ug/l	100
37) Ethyl Acetate	4.721	43	278389	152.444	ug/l	99
38) Carbon Tetrachloride	5.672	117	289222	164.537	ug/l	97
39) Methylcyclohexane	7.379	83	301837	161.626	ug/l	98
40) Benzene	6.031	78	710354	157.791	ug/l	99

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41) Methacrylonitrile	4.922	41	150720	160.400	ug/l	98
42) 1,2-Dichloroethane	6.086	62	291165	158.716	ug/l	99
43) Isopropyl Acetate	6.342	43	475118	161.319	ug/l	100
44) Trichloroethene	7.123	130	191664	160.514	ug/l	96
45) 1,2-Dichloropropane	7.427	63	176954	160.170	ug/l	96
46) Dibromomethane	7.580	93	145541	164.398	ug/l	99
47) Bromodichloromethane	7.818	83	291656	167.570	ug/l	99
48) Methyl methacrylate	7.696	41	230420	161.422	ug/l	99
49) 1,4-Dioxane	7.665	88	92122	3225.293	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	1372632	767.357	ug/l	99
52) Toluene	8.720	92	442285	156.756	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	296886	171.656	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	308283	166.191	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	174250	155.398	ug/l	99
56) Ethyl methacrylate	9.116	69	304727	166.223	ug/l	100
57) 1,3-Dichloropropane	9.305	76	294886	154.406	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	680675	823.725	ug/l	100
59) 2-Hexanone	9.433	43	1053492	778.806	ug/l	99
60) Dibromochloromethane	9.518	129	219617	168.826	ug/l	100
61) 1,2-Dibromoethane	9.610	107	190120	157.809	ug/l	99
64) Tetrachloroethene	9.275	164	157433	160.304	ug/l	95
65) Chlorobenzene	10.079	112	489983	161.027	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	181918	169.075	ug/l	100
67) Ethyl Benzene	10.195	91	858875	163.301	ug/l	96
68) m/p-Xylenes	10.299	106	641004	322.499	ug/l	99
69) o-Xylene	10.640	106	317290	160.647	ug/l	97
70) Styrene	10.652	104	535839	167.404	ug/l	100
71) Bromoform	10.799	173	152184	184.637	ug/l #	100
73) Isopropylbenzene	10.963	105	823850	157.231	ug/l	99
74) N-amyl acetate	10.841	43	411410	165.400	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	269370	157.807	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	226727m	152.068	ug/l	
77) Bromobenzene	11.195	156	200979	157.614	ug/l	99
78) n-propylbenzene	11.305	91	942879	163.917	ug/l	100
79) 2-Chlorotoluene	11.366	91	569702	154.054	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	681544	157.681	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	99750	172.933	ug/l	99
82) 4-Chlorotoluene	11.451	91	665390	157.949	ug/l	99
83) tert-Butylbenzene	11.713	119	696580	156.429	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	688086	158.218	ug/l	98
85) sec-Butylbenzene	11.890	105	858652	162.659	ug/l	99
86) p-Isopropyltoluene	12.006	119	723935	164.374	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	367680	163.688	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	368501	159.124	ug/l	98
89) n-Butylbenzene	12.329	91	659704	178.919	ug/l	100
90) Hexachloroethane	12.536	117	148993	180.384	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	354798	154.451	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	70888	170.094	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	240562	181.650	ug/l	100
94) Hexachlorobutadiene	13.725	225	87961	167.549	ug/l	95
95) Naphthalene	13.774	128	842340	173.021	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	238370	174.454	ug/l	98

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

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