

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102624\
 Data File : VX043540.D
 Acq On : 26 Oct 2024 00:34
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 26 04:27:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102624W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 26 04:20:35 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2024
 Supervised By :Mahesh Dadoda 10/28/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	127338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	232401	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94478	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	299339	148.191	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 296.380%#			
35) Dibromofluoromethane	5.385	113	233953	151.183	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 302.360%#			
50) Toluene-d8	8.647	98	786070	146.498	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 293.000%#			
62) 4-Bromofluorobenzene	11.079	95	297194	151.641	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 303.280%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	208427	146.841	ug/l	98
3) Chloromethane	1.294	50	254517	140.554	ug/l	100
4) Vinyl Chloride	1.374	62	249602	151.322	ug/l	97
5) Bromomethane	1.593	94	100076	155.337	ug/l	99
6) Chloroethane	1.660	64	81426	150.866	ug/l	97
7) Trichlorofluoromethane	1.855	101	330479	152.661	ug/l	99
8) Diethyl Ether	2.136	74	144620	152.945	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.307	101	207256	151.678	ug/l	98
10) Methyl Iodide	2.435	142	290721	153.641	ug/l	99
11) Tert butyl alcohol	3.062	59	340975	790.337	ug/l	# 100
12) 1,1-Dichloroethene	2.300	96	212324	158.046	ug/l	99
13) Acrolein	2.246	56	270665	796.156	ug/l	99
14) Allyl chloride	2.654	41	374112	156.933	ug/l	98
15) Acrylonitrile	3.075	53	750212	784.986	ug/l	99
16) Acetone	2.398	43	648328	751.921	ug/l	99
17) Carbon Disulfide	2.495	76	496675	178.610	ug/l	100
18) Methyl Acetate	2.709	43	399919	154.329	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	804268	153.864	ug/l	97
20) Methylene Chloride	2.782	84	253947	150.708	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	220814	151.821	ug/l	96
22) Diisopropyl ether	3.770	45	751857	152.809	ug/l	90
23) Vinyl Acetate	3.727	43	3353867	825.112	ug/l	99
24) 1,1-Dichloroethane	3.605	63	432971	156.006	ug/l	99
25) 2-Butanone	4.574	43	1024886	782.616	ug/l	100
26) 2,2-Dichloropropane	4.471	77	307300	153.628	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	283673	156.540	ug/l	99
28) Bromochloromethane	4.898	49	198142	144.314	ug/l	100
29) Tetrahydrofuran	5.013	42	652033	762.542	ug/l	99
30) Chloroform	5.093	83	445159	149.991	ug/l	99
31) Cyclohexane	5.458	56	326857	148.439	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	394042	157.989	ug/l	99
36) 1,1-Dichloropropene	5.684	75	278992	152.329	ug/l	99
37) Ethyl Acetate	4.721	43	383669	153.491	ug/l	99
38) Carbon Tetrachloride	5.672	117	325008	156.166	ug/l	99
39) Methylcyclohexane	7.373	83	358457	152.616	ug/l	97
40) Benzene	6.031	78	923519	150.842	ug/l	99

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41) Methacrylonitrile	4.928	41	204574	162.708	ug/l	97
42) 1,2-Dichloroethane	6.086	62	347791	154.429	ug/l	100
43) Isopropyl Acetate	6.348	43	631416	159.688	ug/l	100
44) Trichloroethene	7.123	130	229812	158.321	ug/l	97
45) 1,2-Dichloropropane	7.428	63	234583	156.901	ug/l	98
46) Dibromomethane	7.580	93	185018	161.092	ug/l	99
47) Bromodichloromethane	7.818	83	345628	169.632	ug/l	99
48) Methyl methacrylate	7.696	41	309177	167.483	ug/l	99
49) 1,4-Dioxane	7.677	88	146416	3087.123	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1960372	782.463	ug/l	100
52) Toluene	8.714	92	563669	149.330	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	360309	174.741	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	381056	168.280	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	239961	150.644	ug/l	99
56) Ethyl methacrylate	9.116	69	421249	163.640	ug/l	99
57) 1,3-Dichloropropane	9.305	76	400667	152.340	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1030314	813.653	ug/l	99
59) 2-Hexanone	9.433	43	1496586	789.996	ug/l	99
60) Dibromochloromethane	9.519	129	272548	182.860	ug/l	99
61) 1,2-Dibromoethane	9.610	107	256873	159.970	ug/l	97
64) Tetrachloroethene	9.275	164	187091	149.239	ug/l	94
65) Chlorobenzene	10.079	112	630390	151.317	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	228562	162.435	ug/l	99
67) Ethyl Benzene	10.195	91	1066273	153.857	ug/l	99
68) m/p-Xylenes	10.299	106	815040	310.414	ug/l	98
69) o-Xylene	10.640	106	411040	152.290	ug/l	99
70) Styrene	10.653	104	699899	160.218	ug/l	99
71) Bromoform	10.799	173	181955	152.206	ug/l #	96
73) Isopropylbenzene	10.963	105	1013624	150.098	ug/l	99
74) N-amyl acetate	10.842	43	553441	162.703	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	381139	147.329	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	315132m	143.480	ug/l	
77) Bromobenzene	11.195	156	259286	150.401	ug/l	99
78) n-propylbenzene	11.305	91	1135908	157.829	ug/l	99
79) 2-Chlorotoluene	11.366	91	707240	146.454	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	844669	150.645	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	130222	151.462	ug/l	94
82) 4-Chlorotoluene	11.451	91	810834	151.723	ug/l	97
83) tert-Butylbenzene	11.713	119	885282	154.823	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	860565	150.064	ug/l	99
85) sec-Butylbenzene	11.890	105	1031132	155.703	ug/l	99
86) p-Isopropyltoluene	12.006	119	878770	160.169	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	461043	149.042	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	457021	146.565	ug/l	100
89) n-Butylbenzene	12.329	91	766335	172.293	ug/l	100
90) Hexachloroethane	12.536	117	159836	180.085	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	471824	147.923	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	94152	171.048	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	301530	161.435	ug/l	97
94) Hexachlorobutadiene	13.725	225	107192	162.159	ug/l	97
95) Naphthalene	13.774	128	1262063	164.665	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	318983	163.227	ug/l	98

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

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