

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041187.D
 Acq On : 22 Apr 2024 12:52
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 23 05:16:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:06:51 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	260622	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	359680	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	354510	142.895	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 285.780%#			
35) Dibromofluoromethane	5.385	113	323279	147.758	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 295.520%#			
50) Toluene-d8	8.647	98	1097285	148.650	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 297.300%#			
62) 4-Bromofluorobenzene	11.079	95	429219	157.536	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 315.080%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	305014	147.966	ug/l	99
3) Chloromethane	1.294	50	314276	140.818	ug/l	99
4) Vinyl Chloride	1.374	62	326264	146.190	ug/l	98
5) Bromomethane	1.599	94	189323	150.661	ug/l	99
6) Chloroethane	1.666	64	112908	133.165	ug/l	98
7) Trichlorofluoromethane	1.855	101	493570	142.727	ug/l	99
8) Diethyl Ether	2.136	74	181477	142.601	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.312	101	283724	139.447	ug/l	# 86
10) Methyl Iodide	2.441	142	318847	129.951	ug/l	89
11) Tert butyl alcohol	3.081	59	326374	735.232	ug/l	# 78
12) 1,1-Dichloroethene	2.306	96	267853	141.023	ug/l	86
13) Acrolein	2.245	56	360852	723.746	ug/l	98
14) Allyl chloride	2.654	41	394315	127.796	ug/l	# 94
15) Acrylonitrile	3.075	53	758195	667.585	ug/l	100
16) Acetone	2.398	43	610098	675.598	ug/l	95
17) Carbon Disulfide	2.495	76	579361	146.020	ug/l	99
18) Methyl Acetate	2.709	43	341456	127.822	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	907507	133.655	ug/l	100
20) Methylene Chloride	2.788	84	282967	128.301	ug/l	91
21) trans-1,2-Dichloroethene	3.081	96	274451	130.757	ug/l	89
22) Diisopropyl ether	3.770	45	935140	140.177	ug/l	# 81
23) Vinyl Acetate	3.727	43	4087038	716.128	ug/l	# 93
24) 1,1-Dichloroethane	3.605	63	497552	133.422	ug/l	97
25) 2-Butanone	4.568	43	1145041	742.460	ug/l	95
26) 2,2-Dichloropropane	4.471	77	494457	156.884	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	390366	150.049	ug/l	87
28) Bromochloromethane	4.897	49	191231	135.129	ug/l	# 68
29) Tetrahydrofuran	5.013	42	772106	734.882	ug/l	93
30) Chloroform	5.092	83	589357	147.242	ug/l	97
31) Cyclohexane	5.464	56	487263	145.932	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	552984	154.114	ug/l	96
36) 1,1-Dichloropropene	5.684	75	409112	146.141	ug/l	95
37) Ethyl Acetate	4.721	43	475043	154.666	ug/l	98
38) Carbon Tetrachloride	5.672	117	490074	156.736	ug/l	99
39) Methylcyclohexane	7.373	83	559414	150.658	ug/l	91
40) Benzene	6.031	78	1256455	145.326	ug/l	100

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 Supervised By : Mahesh Dadoda 04/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	252023	157.615	ug/l	92
42) 1,2-Dichloroethane	6.086	62	435830	145.386	ug/l	93
43) Isopropyl Acetate	6.348	43	767261	155.075	ug/l	95
44) Trichloroethene	7.123	130	371545	147.812	ug/l	84
45) 1,2-Dichloropropane	7.427	63	305539	147.392	ug/l	99
46) Dibromomethane	7.580	93	234426	151.658	ug/l #	75
47) Bromodichloromethane	7.824	83	464076	162.877	ug/l	98
48) Methyl methacrylate	7.696	41	373970	159.803	ug/l	90
49) 1,4-Dioxane	7.677	88	152177	3021.203	ug/l #	88
51) 4-Methyl-2-Pentanone	8.586	43	2311786	746.483	ug/l	94
52) Toluene	8.720	92	829022	152.175	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	489036	174.982	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	520649	163.874	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	323701	152.277	ug/l	98
56) Ethyl methacrylate	9.122	69	544162	167.447	ug/l	92
57) 1,3-Dichloropropane	9.311	76	527848	150.003	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1194083	754.955	ug/l	90
59) 2-Hexanone	9.439	43	1792721	754.885	ug/l	93
60) Dibromochloromethane	9.525	129	414457	168.897	ug/l	100
61) 1,2-Dibromoethane	9.610	107	351706	154.209	ug/l	99
64) Tetrachloroethene	9.275	164	361253	146.428	ug/l	89
65) Chlorobenzene	10.079	112	972794	146.940	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	360755	159.088	ug/l	98
67) Ethyl Benzene	10.195	91	1566278	148.250	ug/l	95
68) m/p-Xylenes	10.299	106	1278589	299.786	ug/l	88
69) o-Xylene	10.640	106	635621	153.231	ug/l	88
70) Styrene	10.652	104	1072526	158.930	ug/l	94
71) Bromoform	10.799	173	356323	183.793	ug/l #	99
73) Isopropylbenzene	10.963	105	1597190	139.456	ug/l	95
74) N-amyl acetate	10.841	43	691887	153.712	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	505274	139.893	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	391631m	132.051	ug/l	
77) Bromobenzene	11.201	156	470812	141.262	ug/l	76
78) n-propylbenzene	11.305	91	1779992	143.934	ug/l	94
79) 2-Chlorotoluene	11.366	91	1076707	137.584	ug/l	90
80) 1,3,5-Trimethylbenzene	11.451	105	1355590	142.271	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.018	75	179546	170.802	ug/l	85
82) 4-Chlorotoluene	11.457	91	1256425	141.674	ug/l	91
83) tert-Butylbenzene	11.713	119	1505678	147.565	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	1367292	144.579	ug/l	91
85) sec-Butylbenzene	11.890	105	1732468	147.034	ug/l	93
86) p-Isopropyltoluene	12.006	119	1562044	150.435	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	864905	144.466	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	849820	138.345	ug/l	95
89) n-Butylbenzene	12.335	91	1283753	162.833	ug/l	95
90) Hexachloroethane	12.536	117	281793	164.521	ug/l #	55
91) 1,2-Dichlorobenzene	12.335	146	867550	144.675	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	119463	157.631	ug/l #	49
93) 1,2,4-Trichlorobenzene	13.585	180	663328	159.545	ug/l	96
94) Hexachlorobutadiene	13.725	225	325641	153.302	ug/l	99
95) Naphthalene	13.774	128	1832548	153.406	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	658985	150.476	ug/l	95

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

