

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040416.D
 Acq On : 22 Feb 2024 23:28
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 23 06:33:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:27:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	87441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152690	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75690	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	211611	148.598	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 297.200%#			
35) Dibromofluoromethane	5.385	113	154554	150.207	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 300.420%#			
50) Toluene-d8	8.653	98	561867	151.176	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 302.360%#			
62) 4-Bromofluorobenzene	11.079	95	228850	153.661	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 307.320%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	156032	148.040	ug/l	98
3) Chloromethane	1.295	50	163631	137.333	ug/l	100
4) Vinyl Chloride	1.374	62	168879	142.106	ug/l	99
5) Bromomethane	1.593	94	88541	126.643	ug/l	100
6) Chloroethane	1.666	64	101743	142.052	ug/l	97
7) Trichlorofluoromethane	1.874	101	271018	142.937	ug/l	99
8) Diethyl Ether	2.136	74	95626	141.185	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	138950	138.689	ug/l	99
10) Methyl Iodide	2.447	142	172852	148.275	ug/l	96
11) Tert butyl alcohol	2.989	59	204580	743.200	ug/l	# 90
12) 1,1-Dichloroethene	2.313	96	142145	147.101	ug/l	98
13) Acrolein	2.240	56	237342	720.657	ug/l	100
14) Allyl chloride	2.660	41	256847	143.922	ug/l	95
15) Acrylonitrile	3.069	53	461643	715.317	ug/l	98
16) Acetone	2.386	43	406895	685.749	ug/l	95
17) Carbon Disulfide	2.508	76	400116	150.612	ug/l	99
18) Methyl Acetate	2.703	43	229392	149.250	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	512405	148.721	ug/l	99
20) Methylene Chloride	2.788	84	161184	129.737	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	153241	140.543	ug/l	97
22) Diisopropyl ether	3.764	45	528262	149.751	ug/l	89
23) Vinyl Acetate	3.721	43	2453395	762.066	ug/l	99
24) 1,1-Dichloroethane	3.605	63	298338	146.248	ug/l	98
25) 2-Butanone	4.562	43	677004	731.842	ug/l	99
26) 2,2-Dichloropropane	4.471	77	205432	154.289	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	180630	148.659	ug/l	97
28) Bromochloromethane	4.898	49	126957	133.433	ug/l	98
29) Tetrahydrofuran	5.001	42	448165	727.774	ug/l	99
30) Chloroform	5.093	83	314902	143.228	ug/l	97
31) Cyclohexane	5.465	56	244679	143.313	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	278526	153.024	ug/l	99
36) 1,1-Dichloropropene	5.690	75	230369	144.669	ug/l	100
37) Ethyl Acetate	4.715	43	265003	145.660	ug/l	99
38) Carbon Tetrachloride	5.678	117	231774	157.317	ug/l	98
39) Methylcyclohexane	7.379	83	251694	149.141	ug/l	97
40) Benzene	6.038	78	633714	146.285	ug/l	100

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41) Methacrylonitrile	4.928	41	150662	155.954	ug/l	98
42) 1,2-Dichloroethane	6.086	62	267204	148.417	ug/l	99
43) Isopropyl Acetate	6.342	43	434339	155.588	ug/l	99
44) Trichloroethene	7.123	130	168011	148.290	ug/l	96
45) 1,2-Dichloropropane	7.434	63	170862	147.792	ug/l	99
46) Dibromomethane	7.580	93	126800	146.189	ug/l	99
47) Bromodichloromethane	7.824	83	250172	154.976	ug/l	97
48) Methyl methacrylate	7.696	41	222652	161.051	ug/l	95
49) 1,4-Dioxane	7.665	88	88860	3188.833	ug/l #	92
51) 4-Methyl-2-Pentanone	8.580	43	1427988	753.159	ug/l	99
52) Toluene	8.720	92	401182	151.117	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	269615	165.664	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	278757	160.787	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	169932	149.493	ug/l	94
56) Ethyl methacrylate	9.116	69	283312	163.116	ug/l	96
57) 1,3-Dichloropropane	9.305	76	287596	145.232	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	662550	760.761	ug/l	97
59) 2-Hexanone	9.433	43	1131856	774.040	ug/l	99
60) Dibromochloromethane	9.525	129	190185	166.850	ug/l	100
61) 1,2-Dibromoethane	9.610	107	186381	152.549	ug/l	99
64) Tetrachloroethene	9.275	164	145059	137.920	ug/l	96
65) Chlorobenzene	10.080	112	434363	150.093	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	163808	161.859	ug/l	99
67) Ethyl Benzene	10.195	91	815577	150.231	ug/l	100
68) m/p-Xylenes	10.299	106	601051	303.628	ug/l	96
69) o-Xylene	10.640	106	299777	153.203	ug/l	96
70) Styrene	10.659	104	513394	159.167	ug/l	98
71) Bromoform	10.799	173	140600	171.844	ug/l #	99
73) Isopropylbenzene	10.964	105	800773	149.524	ug/l	99
74) N-amyl acetate	10.842	43	414018	166.620	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	283016	147.829	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	234750m	139.478	ug/l	
77) Bromobenzene	11.201	156	190837	145.832	ug/l	99
78) n-propylbenzene	11.305	91	984591	148.836	ug/l	98
79) 2-Chlorotoluene	11.366	91	581955	147.399	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	684276	150.397	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	83586	172.807	ug/l	97
82) 4-Chlorotoluene	11.457	91	685991	148.256	ug/l	100
83) tert-Butylbenzene	11.713	119	662104	154.389	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	697454	151.927	ug/l	99
85) sec-Butylbenzene	11.890	105	855316	149.816	ug/l	100
86) p-Isopropyltoluene	12.012	119	700003	153.457	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	365571	146.063	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	368727	142.105	ug/l	99
89) n-Butylbenzene	12.335	91	686038	152.857	ug/l	97
90) Hexachloroethane	12.536	117	125256	171.457	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	346544	143.183	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	73427	168.185	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	233762	150.024	ug/l	97
94) Hexachlorobutadiene	13.725	225	87528	155.100	ug/l	98
95) Naphthalene	13.774	128	796090	159.212	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	227511	151.654	ug/l	97

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

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