

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052924\
 Data File : VX041666.D
 Acq On : 29 May 2024 11:06
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: May 30 07:27:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:15:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/30/2024
 Supervised By : Semsettin Yesilyurt 05/30/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	189391	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	272845	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	222090	95.612	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 191.220%#			
35) Dibromofluoromethane	5.385	113	185347	98.253	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 196.500%#			
50) Toluene-d8	8.647	98	656040	99.529	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 199.060%#			
62) 4-Bromofluorobenzene	11.079	95	254098	104.448	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 208.900%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	168492	101.249	ug/l	98
3) Chloromethane	1.301	50	173206	95.393	ug/l	97
4) Vinyl Chloride	1.374	62	184294	98.597	ug/l	99
5) Bromomethane	1.599	94	131284	100.852	ug/l	97
6) Chloroethane	1.666	64	98397	87.096	ug/l	98
7) Trichlorofluoromethane	1.867	101	286644	93.910	ug/l	99
8) Diethyl Ether	2.136	74	115257	97.976	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.313	101	171279	99.031	ug/l	89
10) Methyl Iodide	2.441	142	206008	95.519	ug/l	91
11) Tert butyl alcohol	3.014	59	210622	512.579	ug/l	# 91
12) 1,1-Dichloroethene	2.306	96	170864	101.208	ug/l	91
13) Acrolein	2.239	56	188819	493.411	ug/l	97
14) Allyl chloride	2.660	41	288154	103.751	ug/l	98
15) Acrylonitrile	3.069	53	506594	502.715	ug/l	100
16) Acetone	2.392	43	491094	507.687	ug/l	96
17) Carbon Disulfide	2.502	76	410933	110.031	ug/l	100
18) Methyl Acetate	2.709	43	218550	98.538	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	571704	101.215	ug/l	99
20) Methylene Chloride	2.788	84	187689	90.292	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	178727	102.036	ug/l	89
22) Diisopropyl ether	3.764	45	575404	101.374	ug/l	90
23) Vinyl Acetate	3.721	43	2720402	533.490	ug/l	96
24) 1,1-Dichloroethane	3.605	63	322989	100.633	ug/l	98
25) 2-Butanone	4.568	43	738717	511.699	ug/l	97
26) 2,2-Dichloropropane	4.471	77	277112	105.234	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	215708	103.020	ug/l	91
28) Bromochloromethane	4.897	49	130478	94.388	ug/l	# 80
29) Tetrahydrofuran	5.013	42	464930	510.662	ug/l	97
30) Chloroform	5.093	83	340068	100.917	ug/l	97
31) Cyclohexane	5.464	56	273620	99.775	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	309660	104.862	ug/l	98
36) 1,1-Dichloropropene	5.690	75	231377	101.295	ug/l	96
37) Ethyl Acetate	4.721	43	282918	98.144	ug/l	99
38) Carbon Tetrachloride	5.672	117	272993	105.194	ug/l	98
39) Methylcyclohexane	7.379	83	293348	104.534	ug/l	92
40) Benzene	6.037	78	718684	100.661	ug/l	100

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41) Methacrylonitrile	4.928	41	152747	108.346	ug/l	96
42) 1,2-Dichloroethane	6.086	62	266470	99.977	ug/l	96
43) Isopropyl Acetate	6.342	43	450790	103.576	ug/l	98
44) Trichloroethene	7.123	130	199587	102.785	ug/l	90
45) 1,2-Dichloropropane	7.427	63	175710	103.508	ug/l	99
46) Dibromomethane	7.580	93	133710	102.695	ug/l #	79
47) Bromodichloromethane	7.818	83	262337	108.816	ug/l	98
48) Methyl methacrylate	7.696	41	225828	108.047	ug/l	96
49) 1,4-Dioxane	7.665	88	97995	2145.848	ug/l #	86
51) 4-Methyl-2-Pentanone	8.580	43	1448128	513.111	ug/l	98
52) Toluene	8.720	92	469145	103.540	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	275201	115.969	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	292614	111.463	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	185929	101.795	ug/l	98
56) Ethyl methacrylate	9.116	69	312532	112.104	ug/l	99
57) 1,3-Dichloropropane	9.305	76	305573	100.770	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	685193	522.049	ug/l	94
59) 2-Hexanone	9.433	43	1135113	527.545	ug/l	97
60) Dibromochloromethane	9.519	129	227794	112.425	ug/l	99
61) 1,2-Dibromoethane	9.610	107	198831	103.142	ug/l	99
64) Tetrachloroethene	9.275	164	189666	101.072	ug/l	92
65) Chlorobenzene	10.079	112	542667	100.992	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	197237	105.783	ug/l	98
67) Ethyl Benzene	10.195	91	892806	104.259	ug/l	97
68) m/p-Xylenes	10.299	106	716014	210.179	ug/l	93
69) o-Xylene	10.640	106	354977	104.744	ug/l	93
70) Styrene	10.653	104	609905	108.958	ug/l	96
71) Bromoform	10.799	173	190190	117.126	ug/l #	99
73) Isopropylbenzene	10.963	105	905358	100.895	ug/l	96
74) N-amyl acetate	10.842	43	427470	107.541	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	303972	95.453	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	246520m	95.893	ug/l	
77) Bromobenzene	11.195	156	262849	99.237	ug/l	79
78) n-propylbenzene	11.305	91	1014489	102.959	ug/l	96
79) 2-Chlorotoluene	11.366	91	617823	97.554	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	764963	102.103	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	104407	112.741	ug/l	91
82) 4-Chlorotoluene	11.451	91	726727	100.865	ug/l	92
83) tert-Butylbenzene	11.713	119	824091	102.113	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	778543	102.563	ug/l	94
85) sec-Butylbenzene	11.890	105	961988	103.973	ug/l	95
86) p-Isopropyltoluene	12.006	119	857167	105.633	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	474587	100.328	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	480556	98.552	ug/l	95
89) n-Butylbenzene	12.329	91	717124	111.635	ug/l	97
90) Hexachloroethane	12.536	117	151135	109.506	ug/l	64
91) 1,2-Dichlorobenzene	12.335	146	483305	100.305	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	70737	109.953	ug/l	60
93) 1,2,4-Trichlorobenzene	13.585	180	345177	108.698	ug/l	95
94) Hexachlorobutadiene	13.725	225	158893	100.995	ug/l	99
95) Naphthalene	13.774	128	1021035	108.958	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	349854	107.048	ug/l	96

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

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