

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052924\
 Data File : VX041664.D
 Acq On : 29 May 2024 10:19
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: May 30 07:25:29 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	183884	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	262147	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	40835	18.106	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	36.220%#		
35) Dibromofluoromethane	5.385	113	33137	18.283	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	36.560%#		
50) Toluene-d8	8.647	98	117572	18.565	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	37.120%#		
62) 4-Bromofluorobenzene	11.079	95	42818	18.319	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	36.640%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	30529	18.895	ug/l	99
3) Chloromethane	1.301	50	33601	19.060	ug/l	99
4) Vinyl Chloride	1.374	62	35577	19.604	ug/l	96
5) Bromomethane	1.599	94	23781	18.816	ug/l	95
6) Chloroethane	1.666	64	21645	19.733	ug/l	98
7) Trichlorofluoromethane	1.868	101	59210	19.979	ug/l	98
8) Diethyl Ether	2.136	74	22142	19.386	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	33278	19.817	ug/l	89
10) Methyl Iodide	2.447	142	42683	20.383	ug/l	92
11) Tert butyl alcohol	3.002	59	39677	99.451	ug/l	# 92
12) 1,1-Dichloroethene	2.313	96	31642	19.304	ug/l	91
13) Acrolein	2.239	56	34994	94.183	ug/l	98
14) Allyl chloride	2.660	41	54079	20.054	ug/l	98
15) Acrylonitrile	3.069	53	98887	101.069	ug/l	99
16) Acetone	2.392	43	97885	97.149	ug/l	95
17) Carbon Disulfide	2.502	76	67719	18.675	ug/l	98
18) Methyl Acetate	2.709	43	42749	19.852	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	108300	19.748	ug/l	100
20) Methylene Chloride	2.788	84	37507	18.584	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	33249	19.550	ug/l	92
22) Diisopropyl ether	3.764	45	110551	20.060	ug/l	95
23) Vinyl Acetate	3.721	43	504071	101.812	ug/l	96
24) 1,1-Dichloroethane	3.605	63	62022	19.903	ug/l	98
25) 2-Butanone	4.562	43	143749	102.555	ug/l	95
26) 2,2-Dichloropropane	4.471	77	50151	19.615	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	40524	19.934	ug/l	92
28) Bromochloromethane	4.898	49	26048	19.408	ug/l	# 83
29) Tetrahydrofuran	5.013	42	88821	100.479	ug/l	96
30) Chloroform	5.099	83	65914	20.146	ug/l	100
31) Cyclohexane	5.464	56	52421	19.688	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	56959	19.866	ug/l	98
36) 1,1-Dichloropropene	5.690	75	43341	19.749	ug/l	97
37) Ethyl Acetate	4.721	43	55603	20.076	ug/l	99
38) Carbon Tetrachloride	5.672	117	49336	19.787	ug/l	99
39) Methylcyclohexane	7.373	83	53926	20.001	ug/l	94
40) Benzene	6.038	78	138445	20.182	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	29074	21.464	ug/l	96
42) 1,2-Dichloroethane	6.080	62	51714	20.194	ug/l	95
43) Isopropyl Acetate	6.342	43	81871	19.579	ug/l	99
44) Trichloroethene	7.129	130	36878	19.767	ug/l	89
45) 1,2-Dichloropropane	7.434	63	33318	20.428	ug/l	98
46) Dibromomethane	7.580	93	25278	20.207	ug/l #	80
47) Bromodichloromethane	7.824	83	46388	20.027	ug/l	98
48) Methyl methacrylate	7.696	41	41276	20.554	ug/l	96
49) 1,4-Dioxane	7.665	88	17864	407.141	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	282559	104.204	ug/l	100
52) Toluene	8.720	92	88604	20.353	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	45160	19.807	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	50718	20.108	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	35544	20.254	ug/l	97
56) Ethyl methacrylate	9.116	69	54386	20.304	ug/l	99
57) 1,3-Dichloropropane	9.305	76	59173	20.310	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	131025	103.902	ug/l	95
59) 2-Hexanone	9.433	43	220087	106.460	ug/l	99
60) Dibromochloromethane	9.519	129	38742	19.901	ug/l	99
61) 1,2-Dibromoethane	9.610	107	38121	20.582	ug/l	100
64) Tetrachloroethene	9.269	164	36344	20.332	ug/l	93
65) Chlorobenzene	10.080	112	101912	19.910	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	35417	19.941	ug/l	98
67) Ethyl Benzene	10.195	91	167510	20.535	ug/l	98
68) m/p-Xylenes	10.299	106	133325	41.085	ug/l	96
69) o-Xylene	10.640	106	66306	20.539	ug/l	95
70) Styrene	10.653	104	109957	20.622	ug/l	96
71) Bromoform	10.799	173	30169	19.504	ug/l #	99
73) Isopropylbenzene	10.964	105	170920	20.843	ug/l	99
74) N-amyl acetate	10.842	43	73714	20.292	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	58117	19.970	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	47588m	20.256	ug/l	
77) Bromobenzene	11.195	156	48793	20.158	ug/l	80
78) n-propylbenzene	11.305	91	188688	20.955	ug/l	98
79) 2-Chlorotoluene	11.366	91	118165	20.417	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	142747	20.849	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	15116	17.861	ug/l	93
82) 4-Chlorotoluene	11.451	91	136851	20.784	ug/l	94
83) tert-Butylbenzene	11.713	119	149395	20.256	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	146091	21.060	ug/l	95
85) sec-Butylbenzene	11.890	105	174558	20.645	ug/l	96
86) p-Isopropyltoluene	12.006	119	154073	20.777	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	87064	20.140	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	88280	19.811	ug/l	96
89) n-Butylbenzene	12.329	91	119393	20.338	ug/l	97
90) Hexachloroethane	12.536	117	24185	19.175	ug/l	66
91) 1,2-Dichlorobenzene	12.335	146	89549	20.337	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12120	20.615	ug/l	64
93) 1,2,4-Trichlorobenzene	13.585	180	57171	19.700	ug/l	96
94) Hexachlorobutadiene	13.725	225	28546	19.854	ug/l	98
95) Naphthalene	13.774	128	173126	20.216	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	60485	20.251	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

