

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052623\
 Data File : VX035888.D
 Acq On : 26 May 2023 17:04
 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 29 07:22:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 07:19:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/30/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	191595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	335639	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	299866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67035	19.689	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	39.380%#		
35) Dibromofluoromethane	5.385	113	45523	19.745	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.500%#		
50) Toluene-d8	8.647	98	166127	19.634	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	39.260%#		
62) 4-Bromofluorobenzene	11.079	95	64365	19.308	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.620%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49528	19.438	ug/l	96
3) Chloromethane	1.294	50	50349	19.165	ug/l	99
4) Vinyl Chloride	1.374	62	47366	18.769	ug/l	100
5) Bromomethane	1.611	94	27549	18.216	ug/l	96
6) Chloroethane	1.685	64	27379	19.417	ug/l	97
7) Trichlorofluoromethane	1.886	101	73002	19.277	ug/l	99
8) Diethyl Ether	2.130	74	26854	19.310	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	42279	18.835	ug/l	99
10) Methyl Iodide	2.453	142	41595	18.267	ug/l	99
11) Tert butyl alcohol	2.995	59	56357m	95.098	ug/l	
12) 1,1-Dichloroethene	2.319	96	39004	18.539	ug/l	99
13) Acrolein	2.239	56	53750	91.417	ug/l	100
14) Allyl chloride	2.666	41	77542	18.656	ug/l	99
15) Acrylonitrile	3.068	53	130135	95.953	ug/l	100
16) Acetone	2.386	43	130657	95.054	ug/l	98
17) Carbon Disulfide	2.514	76	86340	17.718	ug/l	98
18) Methyl Acetate	2.703	43	101439	19.113	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	156080	19.241	ug/l	97
20) Methylene Chloride	2.788	84	52413	20.417	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	43604	18.800	ug/l	94
22) Diisopropyl ether	3.757	45	160784	19.264	ug/l	98
23) Vinyl Acetate	3.721	43	571789	98.345	ug/l	99
24) 1,1-Dichloroethane	3.611	63	88317	19.174	ug/l	99
25) 2-Butanone	4.562	43	194330	97.738	ug/l	100
26) 2,2-Dichloropropane	4.477	77	64334	18.113	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	50649	18.774	ug/l	100
28) Bromochloromethane	4.903	49	42198	18.906	ug/l	99
29) Tetrahydrofuran	5.007	42	125274	97.387	ug/l	99
30) Chloroform	5.092	83	89596	18.961	ug/l	98
31) Cyclohexane	5.464	56	76401	18.893	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	77982	19.099	ug/l	99
36) 1,1-Dichloropropene	5.696	75	65800	18.796	ug/l	99
37) Ethyl Acetate	4.714	43	72424	19.111	ug/l	99
38) Carbon Tetrachloride	5.678	117	61463	18.627	ug/l	97
39) Methylcyclohexane	7.379	83	76815	19.230	ug/l	97
40) Benzene	6.037	78	185445	18.912	ug/l	99

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41) Methacrylonitrile	4.916	41	40828	18.925	ug/l	98
42) 1,2-Dichloroethane	6.086	62	81443	19.664	ug/l	100
43) Isopropyl Acetate	6.342	43	116392	19.166	ug/l	100
44) Trichloroethene	7.123	130	46229	18.926	ug/l	99
45) 1,2-Dichloropropane	7.427	63	49235	19.041	ug/l	98
46) Dibromomethane	7.580	93	33821	19.049	ug/l	98
47) Bromodichloromethane	7.824	83	61867	18.694	ug/l	99
48) Methyl methacrylate	7.690	41	59432	19.065	ug/l	99
49) 1,4-Dioxane	7.696	88	24741	371.905	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	376830	99.681	ug/l	99
52) Toluene	8.720	92	118269	19.205	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	64485	18.869	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	70585	18.922	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	48113	19.707	ug/l	98
56) Ethyl methacrylate	9.116	69	73863	19.215	ug/l	98
57) 1,3-Dichloropropane	9.311	76	85527	19.313	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	187542	92.211	ug/l	99
59) 2-Hexanone	9.433	43	288322	100.906	ug/l	98
60) Dibromochloromethane	9.518	129	42325	18.947	ug/l	99
61) 1,2-Dibromoethane	9.610	107	49431	19.227	ug/l	99
64) Tetrachloroethene	9.275	164	38208	18.824	ug/l	98
65) Chlorobenzene	10.079	112	120459	18.870	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	41612	18.999	ug/l	98
67) Ethyl Benzene	10.195	91	226814	19.150	ug/l	99
68) m/p-Xylenes	10.299	106	170830	38.983	ug/l	100
69) o-Xylene	10.640	106	83983	19.291	ug/l	99
70) Styrene	10.652	104	137700	19.254	ug/l	99
71) Bromoform	10.799	173	24974	17.636	ug/l #	97
73) Isopropylbenzene	10.963	105	219583	19.115	ug/l	99
74) N-amyl acetate	10.841	43	99084	19.832	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	74527	19.848	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	70590m	19.971	ug/l	
77) Bromobenzene	11.201	156	49037	18.925	ug/l	95
78) n-propylbenzene	11.305	91	261379	19.522	ug/l	100
79) 2-Chlorotoluene	11.366	91	162665	19.164	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	191381	19.554	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	15799	19.213	ug/l	85
82) 4-Chlorotoluene	11.451	91	186350	19.293	ug/l	99
83) tert-Butylbenzene	11.713	119	179882	19.146	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	191720	19.560	ug/l	100
85) sec-Butylbenzene	11.890	105	229596	19.554	ug/l	99
86) p-Isopropyltoluene	12.006	119	189746	19.326	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	93645	18.935	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	96186	18.866	ug/l	99
89) n-Butylbenzene	12.335	91	166981	19.349	ug/l	100
90) Hexachloroethane	12.536	117	26424	18.604	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	94755	19.398	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15243	19.399	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	54486	18.970	ug/l	97
94) Hexachlorobutadiene	13.725	225	22210	19.285	ug/l	98
95) Naphthalene	13.774	128	199447	19.987	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	54320	18.978	ug/l	97

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

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