

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032923\
 Data File : VX034819.D
 Acq On : 29 Mar 2023 10:23
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Apr 01 01:09:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:03:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/01/2023
 Supervised By :Mahesh Dadoda 04/03/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	326255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	554663	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	494364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	239351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100892	20.220	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	40.440%#		
35) Dibromofluoromethane	5.385	113	74716	20.366	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.740%#		
50) Toluene-d8	8.647	98	284802	21.032	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	42.060%#		
62) 4-Bromofluorobenzene	11.079	95	106655	20.354	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	40.700%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	63576	19.918	ug/l	100
3) Chloromethane	1.295	50	82862	20.328	ug/l	98
4) Vinyl Chloride	1.374	62	81952	20.419	ug/l	99
5) Bromomethane	1.618	94	53860	20.547	ug/l	98
6) Chloroethane	1.691	64	51490	19.311	ug/l	99
7) Trichlorofluoromethane	1.892	101	132574	20.458	ug/l	98
8) Diethyl Ether	2.130	74	47521	20.599	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	67899	19.851	ug/l	99
10) Methyl Iodide	2.453	142	83646	19.816	ug/l	95
11) Tert butyl alcohol	3.008	59	88366	101.377	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	65702	19.967	ug/l	95
13) Acrolein	2.239	56	88598	98.313	ug/l	100
14) Allyl chloride	2.666	41	129949	19.948	ug/l	95
15) Acrylonitrile	3.062	53	198156	101.766	ug/l	98
16) Acetone	2.392	43	212713	105.346	ug/l	98
17) Carbon Disulfide	2.514	76	163910	19.350	ug/l	100
18) Methyl Acetate	2.703	43	143907	20.178	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	247758	20.074	ug/l	98
20) Methylene Chloride	2.788	84	76875	19.024	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	72893	19.721	ug/l	96
22) Diisopropyl ether	3.757	45	267719	20.413	ug/l	98
23) Vinyl Acetate	3.721	43	979791	104.746	ug/l	98
24) 1,1-Dichloroethane	3.611	63	141331	19.954	ug/l	99
25) 2-Butanone	4.562	43	309721	105.701	ug/l	99
26) 2,2-Dichloropropane	4.477	77	114475	19.774	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	84312	19.773	ug/l	97
28) Bromochloromethane	4.898	49	79107	22.689	ug/l	99
29) Tetrahydrofuran	5.007	42	186950	101.965	ug/l	100
30) Chloroform	5.093	83	144204	20.212	ug/l	97
31) Cyclohexane	5.471	56	124593	20.507	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	122070	20.057	ug/l	98
36) 1,1-Dichloropropene	5.690	75	107313	19.809	ug/l	99
37) Ethyl Acetate	4.715	43	113818	19.995	ug/l	99
38) Carbon Tetrachloride	5.672	117	101542	19.734	ug/l	99
39) Methylcyclohexane	7.379	83	113192	19.657	ug/l	95
40) Benzene	6.038	78	307898	19.729	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	63837	20.301	ug/l	97
42) 1,2-Dichloroethane	6.086	62	121269	19.884	ug/l	98
43) Isopropyl Acetate	6.336	43	192089	20.181	ug/l	99
44) Trichloroethene	7.123	130	78420	19.709	ug/l	93
45) 1,2-Dichloropropane	7.428	63	79795	19.910	ug/l	99
46) Dibromomethane	7.580	93	54246	19.745	ug/l	99
47) Bromodichloromethane	7.818	83	101514	19.903	ug/l	96
48) Methyl methacrylate	7.690	41	93828	20.378	ug/l	95
49) 1,4-Dioxane	7.702	88	40235	428.653	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	585236	104.646	ug/l	99
52) Toluene	8.720	92	196251	19.579	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	112114	20.170	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	122753	20.101	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	77569	20.403	ug/l	98
56) Ethyl methacrylate	9.116	69	123290	20.721	ug/l	97
57) 1,3-Dichloropropane	9.305	76	138295	20.414	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	318594	104.176	ug/l	99
59) 2-Hexanone	9.427	43	453808	107.049	ug/l	100
60) Dibromochloromethane	9.519	129	73037	19.920	ug/l	99
61) 1,2-Dibromoethane	9.610	107	81124	20.511	ug/l	100
64) Tetrachloroethene	9.275	164	68575	19.430	ug/l	96
65) Chlorobenzene	10.080	112	204115	20.063	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	70955	19.887	ug/l	98
67) Ethyl Benzene	10.195	91	376352	20.266	ug/l	99
68) m/p-Xylenes	10.299	106	283682	40.367	ug/l	97
69) o-Xylene	10.640	106	142746	20.448	ug/l	100
70) Styrene	10.653	104	229378	20.597	ug/l	100
71) Bromoform	10.799	173	46991	19.736	ug/l #	99
73) Isopropylbenzene	10.964	105	358660	20.720	ug/l	99
74) N-amyl acetate	10.842	43	167808	21.115	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	117406	20.577	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	98290m	20.054	ug/l	
77) Bromobenzene	11.195	156	84931	20.065	ug/l	98
78) n-propylbenzene	11.305	91	413990	20.715	ug/l	99
79) 2-Chlorotoluene	11.366	91	256872	20.029	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	298678	20.473	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29990	18.636	ug/l	86
82) 4-Chlorotoluene	11.451	91	296024	20.092	ug/l	100
83) tert-Butylbenzene	11.713	119	276934	20.466	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	299915	20.416	ug/l	98
85) sec-Butylbenzene	11.890	105	340675	20.357	ug/l	99
86) p-Isopropyltoluene	12.006	119	285120	20.517	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	159190	20.111	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	162567	19.868	ug/l	98
89) n-Butylbenzene	12.329	91	245414	20.258	ug/l	98
90) Hexachloroethane	12.536	117	43240	20.124	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	159244	20.337	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24646	21.012	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	89773	19.839	ug/l	98
94) Hexachlorobutadiene	13.725	225	36507	18.018	ug/l	99
95) Naphthalene	13.774	128	329910	20.727	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	88881	19.643	ug/l	98

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

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