

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031023\
 Data File : VX034412.D
 Acq On : 10 Mar 2023 11:13
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Mar 13 10:22:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:15:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	297482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	495632	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	448391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	223472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89158	20.601	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	41.200%#		
35) Dibromofluoromethane	5.385	113	70386	21.509	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	43.020%#		
50) Toluene-d8	8.647	98	267188	21.872	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	43.740%#		
62) 4-Bromofluorobenzene	11.079	95	100420	20.351	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	40.700%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	56755	20.465	ug/l	99
3) Chloromethane	1.307	50	97684m	22.795	ug/l	
4) Vinyl Chloride	1.374	62	81202	21.504	ug/l	97
5) Bromomethane	1.605	94	39936m	20.932	ug/l	
6) Chloroethane	1.685	64	50781m	23.192	ug/l	
7) Trichlorofluoromethane	1.886	101	121024	21.329	ug/l	99
8) Diethyl Ether	2.130	74	44722	21.591	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	66463	20.099	ug/l	99
10) Methyl Iodide	2.453	142	84243	19.404	ug/l	99
11) Tert butyl alcohol	2.953	59	92016	102.101	ug/l	100
12) 1,1-Dichloroethene	2.319	96	66349	20.374	ug/l	94
13) Acrolein	2.233	56	62723	87.976	ug/l	98
14) Allyl chloride	2.660	41	130770	19.806	ug/l	98
15) Acrylonitrile	3.063	53	207810	106.744	ug/l	99
16) Acetone	2.374	43	194914	95.612	ug/l	99
17) Carbon Disulfide	2.514	76	178959	19.527	ug/l	100
18) Methyl Acetate	2.703	43	136659	20.516	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	239319	20.524	ug/l	99
20) Methylene Chloride	2.788	84	77944	19.700	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	70944	20.513	ug/l	98
22) Diisopropyl ether	3.758	45	264680	21.026	ug/l	99
23) Vinyl Acetate	3.721	43	1024852	106.974	ug/l	98
24) 1,1-Dichloroethane	3.611	63	139008	20.543	ug/l	99
25) 2-Butanone	4.550	43	304682	104.453	ug/l	98
26) 2,2-Dichloropropane	4.477	77	115994	19.720	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	85674	20.578	ug/l	97
28) Bromochloromethane	4.898	49	68242	21.689	ug/l	100
29) Tetrahydrofuran	5.001	42	194008	107.787	ug/l	99
30) Chloroform	5.093	83	136295	20.548	ug/l	96
31) Cyclohexane	5.465	56	126593	20.857	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	118426	20.168	ug/l	99
36) 1,1-Dichloropropene	5.690	75	100777	20.050	ug/l	99
37) Ethyl Acetate	4.715	43	116433	21.205	ug/l	99
38) Carbon Tetrachloride	5.678	117	101075	20.214	ug/l	96
39) Methylcyclohexane	7.379	83	124357	20.675	ug/l	95
40) Benzene	6.038	78	306892	20.872	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	62758	20.855	ug/l	98
42) 1,2-Dichloroethane	6.086	62	111380	20.611	ug/l	99
43) Isopropyl Acetate	6.342	43	195973	21.068	ug/l	99
44) Trichloroethene	7.123	130	77773	20.358	ug/l	96
45) 1,2-Dichloropropane	7.434	63	81114	21.128	ug/l	98
46) Dibromomethane	7.580	93	54279	20.796	ug/l	98
47) Bromodichloromethane	7.824	83	104348	20.657	ug/l	100
48) Methyl methacrylate	7.690	41	92369	20.647	ug/l	99
49) 1,4-Dioxane	7.653	88	41506	441.709	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	600139	111.215	ug/l	98
52) Toluene	8.720	92	192231	21.117	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	116855	20.533	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	127315	20.678	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	78692	21.782	ug/l	97
56) Ethyl methacrylate	9.116	69	124186	20.936	ug/l	99
57) 1,3-Dichloropropane	9.305	76	134881	21.007	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	309069	101.105	ug/l	100
59) 2-Hexanone	9.427	43	447918	107.379	ug/l	99
60) Dibromochloromethane	9.519	129	78794	20.796	ug/l	99
61) 1,2-Dibromoethane	9.610	107	82241	21.096	ug/l	99
64) Tetrachloroethene	9.275	164	61961	20.571	ug/l	98
65) Chlorobenzene	10.080	112	201624	20.494	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	73815	20.601	ug/l	98
67) Ethyl Benzene	10.195	91	367606	20.872	ug/l	100
68) m/p-Xylenes	10.299	106	284141	41.998	ug/l	99
69) o-Xylene	10.640	106	140626	20.712	ug/l	100
70) Styrene	10.653	104	230100	21.005	ug/l	98
71) Bromoform	10.799	173	55591	20.155	ug/l #	100
73) Isopropylbenzene	10.964	105	364604	21.110	ug/l	99
74) N-amyl acetate	10.842	43	178782	21.611	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.214	83	123471	21.423	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	101375m	19.299	ug/l	
77) Bromobenzene	11.195	156	86373	20.844	ug/l	95
78) n-propylbenzene	11.305	91	425475	21.330	ug/l	100
79) 2-Chlorotoluene	11.366	91	256991	20.861	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	304261	21.002	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	38000	20.035	ug/l	96
82) 4-Chlorotoluene	11.451	91	296802	20.917	ug/l	99
83) tert-Butylbenzene	11.713	119	305580	20.921	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	309274	20.889	ug/l	99
85) sec-Butylbenzene	11.890	105	374993	21.000	ug/l	100
86) p-Isopropyltoluene	12.006	119	311533	20.758	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	165181	20.344	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	167186	20.364	ug/l	100
89) n-Butylbenzene	12.335	91	274866	20.602	ug/l	98
90) Hexachloroethane	12.536	117	56203	20.239	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	163842	20.881	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26911	20.551	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	101025	20.589	ug/l	98
94) Hexachlorobutadiene	13.725	225	39582	20.024	ug/l	97
95) Naphthalene	13.774	128	349603	21.247	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	97724	20.374	ug/l	99

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

