

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032923\
 Data File : VX034820.D
 Acq On : 29 Mar 2023 10:46
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Apr 01 01:10:18 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	309760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	524354	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	466865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	233021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	235528	49.717	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.440%		
35) Dibromofluoromethane	5.385	113	170276	49.097	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.200%		
50) Toluene-d8	8.647	98	635628	49.654	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.300%		
62) 4-Bromofluorobenzene	11.079	95	252205	50.912	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	140983	46.520	ug/l	98
3) Chloromethane	1.295	50	180260	46.578	ug/l	100
4) Vinyl Chloride	1.374	62	176997	46.448	ug/l	97
5) Bromomethane	1.618	94	116004	46.610	ug/l	99
6) Chloroethane	1.691	64	113931	45.004	ug/l	99
7) Trichlorofluoromethane	1.886	101	285092	46.336	ug/l	100
8) Diethyl Ether	2.130	74	100731	45.989	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	150389	46.308	ug/l	98
10) Methyl Iodide	2.453	142	196493	49.028	ug/l	95
11) Tert butyl alcohol	3.002	59	201641m	243.649	ug/l	
12) 1,1-Dichloroethene	2.319	96	147587	47.240	ug/l	94
13) Acrolein	2.239	56	202251	236.379	ug/l	100
14) Allyl chloride	2.666	41	292378	47.271	ug/l	95
15) Acrylonitrile	3.062	53	448496	242.598	ug/l	99
16) Acetone	2.386	43	453742	236.683	ug/l	97
17) Carbon Disulfide	2.514	76	384070	47.755	ug/l	99
18) Methyl Acetate	2.703	43	321062	47.416	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	553569	47.240	ug/l	100
20) Methylene Chloride	2.788	84	171120	44.602	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	163527	46.597	ug/l	99
22) Diisopropyl ether	3.757	45	592236	47.560	ug/l	97
23) Vinyl Acetate	3.721	43	2234464	251.600	ug/l	99
24) 1,1-Dichloroethane	3.611	63	318576	47.373	ug/l	98
25) 2-Butanone	4.556	43	683205	245.579	ug/l	100
26) 2,2-Dichloropropane	4.477	77	269267	48.989	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	191058	47.194	ug/l	97
28) Bromochloromethane	4.898	49	157496	47.577	ug/l	98
29) Tetrahydrofuran	5.007	42	424119	243.639	ug/l	100
30) Chloroform	5.093	83	326592	48.214	ug/l	97
31) Cyclohexane	5.471	56	279785	48.503	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	284710	49.272	ug/l	99
36) 1,1-Dichloropropene	5.690	75	242409	47.334	ug/l	99
37) Ethyl Acetate	4.709	43	265192	49.281	ug/l	99
38) Carbon Tetrachloride	5.678	117	236906	48.703	ug/l	97
39) Methylcyclohexane	7.379	83	258971	47.573	ug/l	96
40) Benzene	6.038	78	693772	47.025	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	144447	48.591	ug/l	98
42) 1,2-Dichloroethane	6.086	62	279702	48.512	ug/l	98
43) Isopropyl Acetate	6.336	43	438183	48.697	ug/l	100
44) Trichloroethene	7.129	130	178098	47.347	ug/l	100
45) 1,2-Dichloropropane	7.428	63	183519	48.437	ug/l	99
46) Dibromomethane	7.580	93	126403	48.668	ug/l	98
47) Bromodichloromethane	7.824	83	243578	50.517	ug/l	98
48) Methyl methacrylate	7.690	41	217089	49.873	ug/l	97
49) 1,4-Dioxane	7.708	88	88184	993.794	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1306739	247.164	ug/l	98
52) Toluene	8.720	92	440388	46.476	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	275264	52.385	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	296331	51.329	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	175970	48.960	ug/l	98
56) Ethyl methacrylate	9.116	69	290315	51.612	ug/l	98
57) 1,3-Dichloropropane	9.305	76	307301	47.983	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	729867	252.452	ug/l	100
59) 2-Hexanone	9.427	43	1009203	251.823	ug/l	99
60) Dibromochloromethane	9.519	129	177841	51.307	ug/l	100
61) 1,2-Dibromoethane	9.610	107	185826	49.699	ug/l	100
64) Tetrachloroethene	9.275	164	155155	46.551	ug/l	98
65) Chlorobenzene	10.079	112	461513	48.035	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	170808	50.692	ug/l	100
67) Ethyl Benzene	10.195	91	850854	48.516	ug/l	99
68) m/p-Xylenes	10.299	106	643113	96.902	ug/l	98
69) o-Xylene	10.640	106	316001	47.932	ug/l	97
70) Styrene	10.653	104	525492	49.967	ug/l	99
71) Bromoform	10.799	173	120361	53.528	ug/l	99
73) Isopropylbenzene	10.963	105	812863	48.235	ug/l	99
74) N-amyl acetate	10.842	43	392965	50.789	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	266068	47.899	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	224394m	47.028	ug/l	
77) Bromobenzene	11.195	156	195501	47.441	ug/l	99
78) n-propylbenzene	11.305	91	940287	48.327	ug/l	99
79) 2-Chlorotoluene	11.366	91	590606	47.302	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	683740	48.139	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	79361	50.656	ug/l	91
82) 4-Chlorotoluene	11.451	91	688278	47.984	ug/l	100
83) tert-Butylbenzene	11.713	119	644302	48.908	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	695214	48.610	ug/l	98
85) sec-Butylbenzene	11.890	105	781818	47.987	ug/l	100
86) p-Isopropyltoluene	12.006	119	664071	49.084	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	370190	48.039	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	378757	47.547	ug/l	99
89) n-Butylbenzene	12.329	91	581883	49.336	ug/l	99
90) Hexachloroethane	12.536	117	110017	52.594	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	363247	47.650	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62137	54.414	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	214664	48.727	ug/l	99
94) Hexachlorobutadiene	13.725	225	84497	42.836	ug/l	98
95) Naphthalene	13.774	128	765507	49.401	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	212932	48.338	ug/l	99

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

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