

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033023\
 Data File : VX034841.D
 Acq On : 30 Mar 2023 10:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Apr 01 02:41:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	287650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	473264	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	435844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	217247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	191172	43.456	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.920%		
35) Dibromofluoromethane	5.379	113	142851	45.635	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.280%		
50) Toluene-d8	8.647	98	539404	46.686	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.380%		
62) 4-Bromofluorobenzene	11.079	95	215578	48.216	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	143108	49.881	ug/l	99
3) Chloromethane	1.294	50	174817	48.667	ug/l	99
4) Vinyl Chloride	1.374	62	175359	49.304	ug/l	98
5) Bromomethane	1.618	94	116494	50.404	ug/l	99
6) Chloroethane	1.685	64	117383	50.726	ug/l	100
7) Trichlorofluoromethane	1.886	101	290425	50.793	ug/l	98
8) Diethyl Ether	2.130	74	100262	49.738	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	152221	50.935	ug/l	98
10) Methyl Iodide	2.453	142	187482	50.376	ug/l	95
11) Tert butyl alcohol	2.977	59	171180m	221.778	ug/l	
12) 1,1-Dichloroethene	2.319	96	142664	48.311	ug/l	90
13) Acrolein	2.233	56	176409	222.024	ug/l	100
14) Allyl chloride	2.660	41	281973	48.739	ug/l	94
15) Acrylonitrile	3.062	53	406538	233.993	ug/l	99
16) Acetone	2.380	43	414102	231.717	ug/l	98
17) Carbon Disulfide	2.514	76	376706	50.935	ug/l	99
18) Methyl Acetate	2.697	43	292014	45.989	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	523322	47.865	ug/l	99
20) Methylene Chloride	2.788	84	164967	46.779	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	158066	49.079	ug/l	95
22) Diisopropyl ether	3.751	45	574508	49.215	ug/l	99
23) Vinyl Acetate	3.715	43	2116758	254.256	ug/l	98
24) 1,1-Dichloroethane	3.605	63	306636	48.821	ug/l	98
25) 2-Butanone	4.550	43	613711	236.082	ug/l	99
26) 2,2-Dichloropropane	4.471	77	263341	50.985	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	184776	48.419	ug/l	97
28) Bromochloromethane	4.891	49	147968	48.160	ug/l	99
29) Tetrahydrofuran	4.995	42	378579	232.468	ug/l	99
30) Chloroform	5.086	83	313991	49.220	ug/l	98
31) Cyclohexane	5.464	56	276676	51.650	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	275688	50.642	ug/l	98
36) 1,1-Dichloropropene	5.690	75	234436	50.552	ug/l	99
37) Ethyl Acetate	4.702	43	237432	48.964	ug/l	100
38) Carbon Tetrachloride	5.672	117	235619	53.889	ug/l	99
39) Methylcyclohexane	7.379	83	261349	53.070	ug/l	97
40) Benzene	6.031	78	666220	50.044	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	133124	50.480	ug/l	98
42) 1,2-Dichloroethane	6.080	62	267373	50.518	ug/l	99
43) Isopropyl Acetate	6.330	43	410455	50.594	ug/l	99
44) Trichloroethene	7.123	130	176023	51.798	ug/l	100
45) 1,2-Dichloropropane	7.428	63	175816	50.681	ug/l	99
46) Dibromomethane	7.580	93	121452	50.883	ug/l	98
47) Bromodichloromethane	7.818	83	236596	53.663	ug/l	99
48) Methyl methacrylate	7.690	41	202617	50.856	ug/l	97
49) 1,4-Dioxane	7.690	88	78442	955.376	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	1203861	250.732	ug/l	99
52) Toluene	8.714	92	433769	49.973	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	272050	57.358	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	289364	55.748	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	171215	52.117	ug/l	99
56) Ethyl methacrylate	9.116	69	273924	53.218	ug/l	97
57) 1,3-Dichloropropane	9.305	76	298411	51.291	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	654552	249.749	ug/l	100
59) 2-Hexanone	9.427	43	940777	259.055	ug/l	99
60) Dibromochloromethane	9.519	129	177752	56.799	ug/l	99
61) 1,2-Dibromoethane	9.610	107	180232	52.759	ug/l	99
64) Tetrachloroethene	9.275	164	153105	49.087	ug/l	100
65) Chlorobenzene	10.079	112	457336	50.433	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	166577	53.421	ug/l	99
67) Ethyl Benzene	10.189	91	850057	51.745	ug/l	97
68) m/p-Xylenes	10.299	106	638963	101.823	ug/l	98
69) o-Xylene	10.640	106	316219	51.440	ug/l	98
70) Styrene	10.653	104	526206	53.621	ug/l	99
71) Bromoform	10.799	173	118935	56.080	ug/l	100
73) Isopropylbenzene	10.963	105	819630	51.506	ug/l	99
74) N-amyl acetate	10.842	43	375896	52.537	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	255086	48.908	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	218768m	49.977	ug/l	
77) Bromobenzene	11.195	156	193166	48.989	ug/l	99
78) n-propylbenzene	11.305	91	956847	52.050	ug/l	99
79) 2-Chlorotoluene	11.366	91	588810	50.730	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	691581	51.978	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	74653	51.111	ug/l	91
82) 4-Chlorotoluene	11.451	91	696883	51.704	ug/l	100
83) tert-Butylbenzene	11.713	119	649593	51.991	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	694726	51.344	ug/l	99
85) sec-Butylbenzene	11.890	105	806987	53.091	ug/l	99
86) p-Isopropyltoluene	12.006	119	685214	54.062	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	371818	51.779	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	376677	50.224	ug/l	99
89) n-Butylbenzene	12.329	91	615683	55.599	ug/l	98
90) Hexachloroethane	12.536	117	113026	57.557	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	361502	50.266	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	56058	51.492	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	219366	53.930	ug/l	99
94) Hexachlorobutadiene	13.725	225	90728	50.713	ug/l	99
95) Naphthalene	13.774	128	729903	50.501	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	210952	51.427	ug/l	100

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

