

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090223\
 Data File : VX037474.D
 Acq On : 02 Sep 2023 11:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 04 04:23:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/05/2023
 Supervised By :Semsettin Yesilyurt 09/05/2023

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	137440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	227224	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91290	46.072	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.140%		
35) Dibromofluoromethane	5.385	113	81475	54.142	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.280%		
50) Toluene-d8	8.646	98	280854	51.451	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.900%		
62) 4-Bromofluorobenzene	11.079	95	115092	53.651	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.300%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	80144	50.199	ug/l	98
3) Chloromethane	1.294	50	71359	51.090	ug/l	99
4) Vinyl Chloride	1.373	62	78838	51.856	ug/l	99
5) Bromomethane	1.611	94	45011	59.436	ug/l	97
6) Chloroethane	1.684	64	51317	57.360	ug/l	100
7) Trichlorofluoromethane	1.885	101	130644	52.458	ug/l	98
8) Diethyl Ether	2.135	74	51130	53.066	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.330	101	79318	54.594	ug/l	96
10) Methyl Iodide	2.452	142	98840	55.975	ug/l	92
11) Tert butyl alcohol	2.964	59	83731	180.144	ug/l #	94
12) 1,1-Dichloroethene	2.318	96	72809	51.462	ug/l	84
13) Acrolein	2.233	56	76947	217.614	ug/l	98
14) Allyl chloride	2.666	41	110251	50.346	ug/l #	90
15) Acrylonitrile	3.062	53	203167	244.894	ug/l	99
16) Acetone	2.379	43	195589	252.321	ug/l #	87
17) Carbon Disulfide	2.513	76	159066	44.200	ug/l	99
18) Methyl Acetate	2.702	43	137448	47.093	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	275862	51.411	ug/l	97
20) Methylene Chloride	2.788	84	86287	49.776	ug/l #	86
21) trans-1,2-Dichloroethene	3.092	96	80376	49.975	ug/l	85
22) Diisopropyl ether	3.757	45	234422	52.167	ug/l #	85
23) Vinyl Acetate	3.720	43	864862	251.153	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	146094	51.844	ug/l	97
25) 2-Butanone	4.550	43	269194	230.640	ug/l #	84
26) 2,2-Dichloropropane	4.476	77	130970	52.042	ug/l	96
27) cis-1,2-Dichloroethene	4.482	96	99715	52.591	ug/l	87
28) Bromochloromethane	4.897	49	61910	49.180	ug/l #	73
29) Tetrahydrofuran	5.001	42	164371	220.830	ug/l #	82
30) Chloroform	5.092	83	161831	51.159	ug/l	98
31) Cyclohexane	5.464	56	116337	52.217	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	143640	50.672	ug/l	96
36) 1,1-Dichloropropene	5.690	75	111644	52.219	ug/l	97
37) Ethyl Acetate	4.708	43	102031	46.718	ug/l #	91
38) Carbon Tetrachloride	5.677	117	124231	53.492	ug/l	98
39) Methylcyclohexane	7.378	83	140981	62.762	ug/l	89
40) Benzene	6.037	78	335223	54.670	ug/l	98

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41) Methacrylonitrile	4.915	41	57485	50.632	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	120102	49.947	ug/l	93
43) Isopropyl Acetate	6.336	43	171477	49.455	ug/l #	90
44) Trichloroethene	7.122	130	92360	53.120	ug/l	98
45) 1,2-Dichloropropane	7.427	63	84995	56.217	ug/l	99
46) Dibromomethane	7.580	93	64102	53.820	ug/l	92
47) Bromodichloromethane	7.817	83	124574	54.606	ug/l	95
48) Methyl methacrylate	7.689	41	83265	49.242	ug/l #	81
49) 1,4-Dioxane	7.677	88	38458	844.492	ug/l #	84
51) 4-Methyl-2-Pentanone	8.573	43	518033	246.044	ug/l	88
52) Toluene	8.720	92	221284	54.620	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	134628	55.424	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	147012	56.006	ug/l #	83
55) 1,1,2-Trichloroethane	9.152	97	93464	56.655	ug/l	98
56) Ethyl methacrylate	9.116	69	141704	54.839	ug/l #	82
57) 1,3-Dichloropropane	9.305	76	154696	55.626	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	328196	264.663	ug/l	92
59) 2-Hexanone	9.427	43	399108	248.611	ug/l	85
60) Dibromochloromethane	9.518	129	100947	57.473	ug/l	99
61) 1,2-Dibromoethane	9.610	107	98919	54.766	ug/l	100
64) Tetrachloroethene	9.274	164	75142	49.221	ug/l	96
65) Chlorobenzene	10.079	112	243300	55.009	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	92966	56.951	ug/l	100
67) Ethyl Benzene	10.195	91	428442	55.051	ug/l	100
68) m/p-Xylenes	10.299	106	334095	111.163	ug/l	97
69) o-Xylene	10.640	106	165990	55.979	ug/l	97
70) Styrene	10.652	104	277470	56.807	ug/l	97
71) Bromoform	10.798	173	69676	57.063	ug/l #	100
73) Isopropylbenzene	10.963	105	435888	54.589	ug/l	99
74) N-amyl acetate	10.841	43	151347	48.780	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	140608	52.288	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	116361m	49.736	ug/l	
77) Bromobenzene	11.195	156	104043	53.352	ug/l	91
78) n-propylbenzene	11.304	91	496653	55.858	ug/l	98
79) 2-Chlorotoluene	11.365	91	301217	53.013	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	372843	55.976	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	42708	50.986	ug/l #	83
82) 4-Chlorotoluene	11.451	91	349733	53.323	ug/l	98
83) tert-Butylbenzene	11.713	119	373225	58.754	ug/l	96
84) 1,2,4-Trimethylbenzene	11.749	105	371398	55.171	ug/l	97
85) sec-Butylbenzene	11.890	105	462408	62.320	ug/l	99
86) p-Isopropyltoluene	12.006	119	394860	61.819	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	195883	53.651	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	196772	52.165	ug/l	100
89) n-Butylbenzene	12.329	91	334792	63.221	ug/l	99
90) Hexachloroethane	12.536	117	67855	63.647	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	197066	55.121	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	30129	48.219	ug/l	79
93) 1,2,4-Trichlorobenzene	13.585	180	126588	60.513	ug/l	98
94) Hexachlorobutadiene	13.725	225	56631	70.075	ug/l	98
95) Naphthalene	13.774	128	425976	46.487	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	128243	61.705	ug/l	99

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

