

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036620.D
 Acq On : 24 Jul 2023 10:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 25 05:15:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/25/2023
 Supervised By : Mahesh Dadoda 07/25/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	197674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	340450	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	306748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	146695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	144971	49.565	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.120%		
35) Dibromofluoromethane	5.385	113	115313	49.278	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.560%		
50) Toluene-d8	8.647	98	414016	49.891	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.780%		
62) 4-Bromofluorobenzene	11.079	95	162477	51.896	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	126177	48.319	ug/l	98
3) Chloromethane	1.300	50	109619	46.153	ug/l	98
4) Vinyl Chloride	1.374	62	119836	49.556	ug/l	99
5) Bromomethane	1.617	94	72163	49.985	ug/l	99
6) Chloroethane	1.684	64	62100	52.821	ug/l	98
7) Trichlorofluoromethane	1.886	101	194632	52.120	ug/l	99
8) Diethyl Ether	2.136	74	74101	51.290	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	119077	53.075	ug/l	99
10) Methyl Iodide	2.453	142	126977	54.490	ug/l	92
11) Tert butyl alcohol	2.983	59	178171	257.306	ug/l #	95
12) 1,1-Dichloroethene	2.319	96	113434	51.247	ug/l	89
13) Acrolein	2.239	56	102179	258.564	ug/l	99
14) Allyl chloride	2.666	41	217422	49.883	ug/l	93
15) Acrylonitrile	3.062	53	371716	266.933	ug/l	99
16) Acetone	2.386	43	330835	272.581	ug/l	90
17) Carbon Disulfide	2.514	76	296647	48.559	ug/l	99
18) Methyl Acetate	2.703	43	274145	53.692	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	449828	54.080	ug/l	99
20) Methylene Chloride	2.788	84	132606	49.127	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	124263	50.231	ug/l	91
22) Diisopropyl ether	3.757	45	430145	51.976	ug/l	91
23) Vinyl Acetate	3.721	43	1700107	267.812	ug/l	95
24) 1,1-Dichloroethane	3.611	63	240550	51.843	ug/l	98
25) 2-Butanone	4.556	43	530048	269.172	ug/l	96
26) 2,2-Dichloropropane	4.477	77	220878	50.520	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	151040	51.404	ug/l	94
28) Bromochloromethane	4.897	49	119649	53.319	ug/l	93
29) Tetrahydrofuran	5.001	42	335993	264.652	ug/l	94
30) Chloroform	5.092	83	246052	51.833	ug/l	97
31) Cyclohexane	5.470	56	203148	50.163	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	222273	51.101	ug/l	98
36) 1,1-Dichloropropene	5.690	75	178545	51.190	ug/l	98
37) Ethyl Acetate	4.708	43	213185	54.002	ug/l	97
38) Carbon Tetrachloride	5.678	117	194375	52.419	ug/l	98
39) Methylcyclohexane	7.379	83	225054	51.892	ug/l	93
40) Benzene	6.037	78	522474	51.487	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	115236	54.578	ug/l	94
42) 1,2-Dichloroethane	6.086	62	199158	53.679	ug/l	95
43) Isopropyl Acetate	6.336	43	361722	53.230	ug/l	96
44) Trichloroethene	7.123	130	138940	52.381	ug/l	99
45) 1,2-Dichloropropane	7.427	63	141402	52.190	ug/l	98
46) Dibromomethane	7.580	93	102539	54.077	ug/l	97
47) Bromodichloromethane	7.818	83	208346	53.529	ug/l	98
48) Methyl methacrylate	7.689	41	169962	53.781	ug/l	92
49) 1,4-Dioxane	7.689	88	65030	1018.594	ug/l #	93
51) 4-Methyl-2-Pentanone	8.573	43	1018834	270.925	ug/l	96
52) Toluene	8.720	92	335789	52.810	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	241880	54.983	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	249576	53.764	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	143587	53.721	ug/l	97
56) Ethyl methacrylate	9.116	69	241810	55.559	ug/l	94
57) 1,3-Dichloropropane	9.305	76	243948	54.798	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	566325	264.080	ug/l	98
59) 2-Hexanone	9.427	43	758785	271.872	ug/l	95
60) Dibromochloromethane	9.518	129	162182	55.207	ug/l	100
61) 1,2-Dibromoethane	9.610	107	153404	55.378	ug/l	99
64) Tetrachloroethene	9.275	164	122598	53.583	ug/l	96
65) Chlorobenzene	10.079	112	357554	52.880	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	142442	54.504	ug/l	99
67) Ethyl Benzene	10.195	91	648863	52.530	ug/l	99
68) m/p-Xylenes	10.299	106	491709	106.691	ug/l	97
69) o-Xylene	10.640	106	244262	53.097	ug/l	98
70) Styrene	10.652	104	405736	53.457	ug/l	99
71) Bromoform	10.799	173	121337	57.355	ug/l #	100
73) Isopropylbenzene	10.963	105	637499	52.511	ug/l	98
74) N-amyl acetate	10.841	43	299931	52.979	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	212223	51.757	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	186315m	53.998	ug/l	
77) Bromobenzene	11.195	156	147762	53.445	ug/l	97
78) n-propylbenzene	11.305	91	741400	52.805	ug/l	99
79) 2-Chlorotoluene	11.366	91	446334	52.461	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	535571	52.733	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	82700	54.325	ug/l #	85
82) 4-Chlorotoluene	11.451	91	510454	52.657	ug/l	99
83) tert-Butylbenzene	11.713	119	525958	52.715	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	536666	52.837	ug/l	98
85) sec-Butylbenzene	11.890	105	665252	53.464	ug/l	98
86) p-Isopropyltoluene	12.006	119	555575	54.263	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	274966	53.697	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	270686	53.266	ug/l	99
89) n-Butylbenzene	12.329	91	500790	54.639	ug/l	100
90) Hexachloroethane	12.536	117	111285	53.615	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	262457	53.114	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	50215	52.700	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	167434	54.997	ug/l	98
94) Hexachlorobutadiene	13.725	225	70659	56.101	ug/l	97
95) Naphthalene	13.774	128	582181	54.876	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	165997	55.321	ug/l	99

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

