

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090223\
 Data File : VX037499.D
 Acq On : 02 Sep 2023 21:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 04 04:34:54 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	127216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219654	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92784	50.590	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.180%			
35) Dibromofluoromethane	5.385	113	82337	56.600	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.200%			
50) Toluene-d8	8.646	98	278170	52.716	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.440%			
62) 4-Bromofluorobenzene	11.079	95	111144	53.597	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	69050	46.726	ug/l	97
3) Chloromethane	1.294	50	70028	54.166	ug/l	98
4) Vinyl Chloride	1.373	62	76365	54.266	ug/l	99
5) Bromomethane	1.611	94	44817	63.936	ug/l	100
6) Chloroethane	1.684	64	44298	53.493	ug/l	96
7) Trichlorofluoromethane	1.885	101	119113	51.672	ug/l	99
8) Diethyl Ether	2.135	74	51156	57.360	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.330	101	65782	48.916	ug/l	97
10) Methyl Iodide	2.452	142	94471	57.801	ug/l	94
11) Tert butyl alcohol	2.977	59	87622	203.665	ug/l #	93
12) 1,1-Dichloroethene	2.318	96	68119	52.017	ug/l	83
13) Acrolein	2.239	56	69203	211.442	ug/l	99
14) Allyl chloride	2.666	41	101557	50.103	ug/l #	89
15) Acrylonitrile	3.062	53	210831	274.556	ug/l	99
16) Acetone	2.385	43	165741	230.999	ug/l #	87
17) Carbon Disulfide	2.513	76	140467	42.169	ug/l	99
18) Methyl Acetate	2.702	43	140072	51.849	ug/l #	86
19) Methyl tert-butyl Ether	3.111	73	268161	53.992	ug/l	98
20) Methylene Chloride	2.788	84	85486	53.278	ug/l #	83
21) trans-1,2-Dichloroethene	3.093	96	76200	51.187	ug/l	86
22) Diisopropyl ether	3.757	45	229766	55.240	ug/l #	89
23) Vinyl Acetate	3.720	43	825183	258.888	ug/l #	89
24) 1,1-Dichloroethane	3.611	63	142615	54.677	ug/l	97
25) 2-Butanone	4.556	43	266679	246.848	ug/l #	88
26) 2,2-Dichloropropane	4.476	77	92669	39.782	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	94819	54.028	ug/l	85
28) Bromochloromethane	4.897	49	61964	53.179	ug/l #	72
29) Tetrahydrofuran	5.001	42	173160	251.335	ug/l #	83
30) Chloroform	5.092	83	158387	54.094	ug/l	98
31) Cyclohexane	5.470	56	99455	48.227	ug/l #	83
32) 1,1,1-Trichloroethane	5.385	97	135485	51.636	ug/l	95
36) 1,1-Dichloropropene	5.696	75	101405	49.065	ug/l	97
37) Ethyl Acetate	4.714	43	106048	50.231	ug/l #	92
38) Carbon Tetrachloride	5.677	117	112626	50.166	ug/l	96
39) Methylcyclohexane	7.384	83	112953	52.018	ug/l	88
40) Benzene	6.037	78	323665	54.604	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	57263	52.175	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	117247	50.440	ug/l	94
43) Isopropyl Acetate	6.342	43	170304	50.810	ug/l #	89
44) Trichloroethene	7.128	130	86159	51.262	ug/l	97
45) 1,2-Dichloropropane	7.427	63	83183	56.915	ug/l	99
46) Dibromomethane	7.580	93	62316	54.123	ug/l	93
47) Bromodichloromethane	7.823	83	117512	53.286	ug/l	96
48) Methyl methacrylate	7.689	41	84664	51.795	ug/l #	81
49) 1,4-Dioxane	7.683	88	42624	968.229	ug/l #	86
51) 4-Methyl-2-Pentanone	8.573	43	538685	264.671	ug/l	88
52) Toluene	8.720	92	209717	53.549	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	120436	51.290	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	133590	52.647	ug/l #	84
55) 1,1,2-Trichloroethane	9.152	97	92770	58.172	ug/l	98
56) Ethyl methacrylate	9.116	69	138866	55.592	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	150594	56.017	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	311621	259.957	ug/l	92
59) 2-Hexanone	9.433	43	402051	259.075	ug/l	86
60) Dibromochloromethane	9.518	129	95626	56.320	ug/l	100
61) 1,2-Dibromoethane	9.610	107	96793	55.436	ug/l	99
64) Tetrachloroethene	9.274	164	69831	47.337	ug/l	99
65) Chlorobenzene	10.079	112	228772	53.527	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	88563	56.145	ug/l	99
67) Ethyl Benzene	10.195	91	394858	52.504	ug/l	98
68) m/p-Xylenes	10.299	106	307569	105.904	ug/l	97
69) o-Xylene	10.640	106	155839	54.388	ug/l	97
70) Styrene	10.652	104	260824	55.260	ug/l	96
71) Bromoform	10.798	173	66291	56.183	ug/l #	100
73) Isopropylbenzene	10.963	105	400796	53.595	ug/l	98
74) N-amyl acetate	10.841	43	147778	50.857	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	141150	56.045	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	112791m	51.476	ug/l	
77) Bromobenzene	11.195	156	96078	52.605	ug/l	92
78) n-propylbenzene	11.304	91	446019	53.562	ug/l	99
79) 2-Chlorotoluene	11.365	91	278964	52.423	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	340905	54.648	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	36941	47.089	ug/l	86
82) 4-Chlorotoluene	11.457	91	315430	51.350	ug/l	97
83) tert-Butylbenzene	11.713	119	339077	56.994	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	340806	54.056	ug/l	97
85) sec-Butylbenzene	11.890	105	415068	59.730	ug/l	99
86) p-Isopropyltoluene	12.006	119	348736	58.297	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	181646	53.122	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	177868	50.348	ug/l	99
89) n-Butylbenzene	12.329	91	285574	57.580	ug/l	99
90) Hexachloroethane	12.536	117	60607	60.700	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	184676	55.154	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	30024	51.306	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	111818	57.074	ug/l	98
94) Hexachlorobutadiene	13.725	225	47500	62.758	ug/l	98
95) Naphthalene	13.774	128	410616	47.846	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	115936	59.562	ug/l	99

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

