

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090823\
 Data File : VX037605.D
 Acq On : 08 Sep 2023 16:28
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX090823

Quant Time: Sep 09 06:41:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/09/2023
 Supervised By : Mahesh Dadoda 09/11/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	140191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	261989	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106111	56.072	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.140%			
35) Dibromofluoromethane	5.385	113	94761	51.713	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.420%			
50) Toluene-d8	8.647	98	337461	50.210	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.420%			
62) 4-Bromofluorobenzene	11.079	95	129032	50.940	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	63505	44.634	ug/l	98
3) Chloromethane	1.307	50	81667	51.274	ug/l	100
4) Vinyl Chloride	1.374	62	79517	48.463	ug/l	99
5) Bromomethane	1.593	94	38147	52.468	ug/l	98
6) Chloroethane	1.672	64	43971	52.590	ug/l	98
7) Trichlorofluoromethane	1.880	101	105026	47.098	ug/l	96
8) Diethyl Ether	2.136	74	55042	55.534	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.319	101	64949	43.546	ug/l	95
10) Methyl Iodide	2.447	142	105613	54.596	ug/l	91
11) Tert butyl alcohol	2.977	59	116333	274.720	ug/l #	92
12) 1,1-Dichloroethene	2.312	96	71664	47.603	ug/l	82
13) Acrolein	2.239	56	112692	270.681	ug/l	98
14) Allyl chloride	2.660	41	116699	55.280	ug/l #	85
15) Acrylonitrile	3.068	53	260396	282.051	ug/l	99
16) Acetone	2.386	43	204507	262.788	ug/l #	84
17) Carbon Disulfide	2.507	76	171327	45.439	ug/l	98
18) Methyl Acetate	2.703	43	177393	56.184	ug/l #	85
19) Methyl tert-butyl Ether	3.117	73	302096	56.599	ug/l	97
20) Methylene Chloride	2.788	84	99298	55.375	ug/l #	83
21) trans-1,2-Dichloroethene	3.087	96	84884	50.475	ug/l	86
22) Diisopropyl ether	3.763	45	250403	56.014	ug/l #	79
23) Vinyl Acetate	3.721	43	930742	291.652	ug/l #	88
24) 1,1-Dichloroethane	3.605	63	157315	54.002	ug/l	98
25) 2-Butanone	4.562	43	330899	280.361	ug/l #	83
26) 2,2-Dichloropropane	4.471	77	117057	54.507	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	108402	54.092	ug/l	84
28) Bromochloromethane	4.903	49	69595	54.731	ug/l #	68
29) Tetrahydrofuran	5.007	42	214486	283.668	ug/l #	80
30) Chloroform	5.092	83	173230	55.423	ug/l	98
31) Cyclohexane	5.464	56	102256	44.410	ug/l	85
32) 1,1,1-Trichloroethane	5.379	97	138244	51.353	ug/l	95
36) 1,1-Dichloropropene	5.690	75	105425	43.549	ug/l	96
37) Ethyl Acetate	4.714	43	126700	51.045	ug/l #	91
38) Carbon Tetrachloride	5.672	117	114378	45.715	ug/l	97
39) Methylcyclohexane	7.379	83	119167	40.371	ug/l	89
40) Benzene	6.037	78	370788	49.779	ug/l	98

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41) Methacrylonitrile	4.922	41	68276	53.997	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	127662	51.183	ug/l	91
43) Isopropyl Acetate	6.342	43	199347	53.621	ug/l #	88
44) Trichloroethene	7.123	130	95948	46.894	ug/l	94
45) 1,2-Dichloropropane	7.433	63	93845	51.445	ug/l	99
46) Dibromomethane	7.580	93	70963	51.834	ug/l	92
47) Bromodichloromethane	7.824	83	133912	53.529	ug/l	99
48) Methyl methacrylate	7.696	41	97275	54.670	ug/l #	77
49) 1,4-Dioxane	7.665	88	57850	1036.218	ug/l #	85
51) 4-Methyl-2-Pentanone	8.573	43	627133	265.241	ug/l #	86
52) Toluene	8.720	92	239407	49.484	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	141865	54.615	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	157665	54.555	ug/l #	81
55) 1,1,2-Trichloroethane	9.153	97	105657	52.525	ug/l	98
56) Ethyl methacrylate	9.116	69	162310	55.379	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	173084	51.630	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	403048	271.798	ug/l	91
59) 2-Hexanone	9.433	43	482410	267.512	ug/l	83
60) Dibromochloromethane	9.525	129	111163	55.502	ug/l	99
61) 1,2-Dibromoethane	9.610	107	113612	52.742	ug/l	99
64) Tetrachloroethene	9.275	164	73713	42.637	ug/l	97
65) Chlorobenzene	10.079	112	264267	48.720	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	100695	52.381	ug/l	98
67) Ethyl Benzene	10.195	91	442329	47.974	ug/l	99
68) m/p-Xylenes	10.299	106	353287	97.404	ug/l	95
69) o-Xylene	10.640	106	178566	49.513	ug/l	96
70) Styrene	10.658	104	300140	51.189	ug/l	96
71) Bromoform	10.799	173	80041	52.012	ug/l #	100
73) Isopropylbenzene	10.963	105	437239	48.059	ug/l	98
74) N-amyl acetate	10.841	43	169562	54.068	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	163497	51.712	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	150683m	53.142	ug/l	
77) Bromobenzene	11.201	156	113533	50.415	ug/l	89
78) n-propylbenzene	11.305	91	484874	47.923	ug/l	98
79) 2-Chlorotoluene	11.366	91	317273	49.351	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	383867	49.744	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	47641	51.282	ug/l #	84
82) 4-Chlorotoluene	11.457	91	354069	48.845	ug/l	97
83) tert-Butylbenzene	11.713	119	381387	49.021	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	388960	50.414	ug/l	96
85) sec-Butylbenzene	11.890	105	434588	46.336	ug/l	98
86) p-Isopropyltoluene	12.012	119	378807	47.690	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	202907	47.355	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	202099	46.364	ug/l	99
89) n-Butylbenzene	12.335	91	298787	45.781	ug/l	98
90) Hexachloroethane	12.536	117	68071	50.432	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	205422	48.129	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	35887	53.312	ug/l	73
93) 1,2,4-Trichlorobenzene	13.591	180	122146	47.315	ug/l	97
94) Hexachlorobutadiene	13.725	225	47046	41.285	ug/l	99
95) Naphthalene	13.774	128	468923	51.999	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	127437	47.791	ug/l	99

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

