

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100523\
 Data File : VX038097.D
 Acq On : 05 Oct 2023 12:59
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100523

Quant Time: Oct 05 13:24:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 12:40:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/05/2023
 Supervised By : Mahesh Dadoda 10/06/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	153781	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	256729	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	256617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	120791	48.835	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.660%		
35) Dibromofluoromethane	5.385	113	93699	50.651	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.300%		
50) Toluene-d8	8.647	98	371703	52.583	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	105.160%		
62) 4-Bromofluorobenzene	11.079	95	145214	54.186	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	71565	48.212	ug/l	98
3) Chloromethane	1.307	50	68722	45.424	ug/l	96
4) Vinyl Chloride	1.374	62	81078	48.335	ug/l	99
5) Bromomethane	1.599	94	112551	51.107	ug/l	96
6) Chloroethane	1.679	64	63728	51.772	ug/l	99
7) Trichlorofluoromethane	1.880	101	161050	48.608	ug/l	100
8) Diethyl Ether	2.130	74	58897	47.663	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.325	101	70099	48.464	ug/l	98
10) Methyl Iodide	2.447	142	100306	48.197	ug/l	95
11) Tert butyl alcohol	2.959	59	128492	234.649	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	66247	47.085	ug/l	92
13) Acrolein	2.233	56	85750	243.864	ug/l	100
14) Allyl chloride	2.660	41	121124	48.130	ug/l	94
15) Acrylonitrile	3.056	53	264119	234.642	ug/l	99
16) Acetone	2.373	43	261499	253.317	ug/l	96
17) Carbon Disulfide	2.508	76	189997	46.853	ug/l	100
18) Methyl Acetate	2.697	43	210275	47.500	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	267061	47.659	ug/l	99
20) Methylene Chloride	2.788	84	85083	43.818	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	82384	47.292	ug/l	92
22) Diisopropyl ether	3.757	45	256806	48.689	ug/l	89
23) Vinyl Acetate	3.715	43	962109	248.739	ug/l	97
24) 1,1-Dichloroethane	3.605	63	149364	46.663	ug/l	99
25) 2-Butanone	4.550	43	403137	242.039	ug/l	93
26) 2,2-Dichloropropane	4.471	77	128880	51.571	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	98714	47.580	ug/l	94
28) Bromochloromethane	4.891	49	75752	52.424	ug/l	91
29) Tetrahydrofuran	4.995	42	250873	231.346	ug/l	90
30) Chloroform	5.086	83	169071	48.302	ug/l	99
31) Cyclohexane	5.464	56	133044	49.646	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	145303	48.465	ug/l	99
36) 1,1-Dichloropropene	5.690	75	125707	49.278	ug/l	99
37) Ethyl Acetate	4.708	43	149293	49.278	ug/l	98
38) Carbon Tetrachloride	5.672	117	125301	49.931	ug/l	96
39) Methylcyclohexane	7.379	83	155389	52.004	ug/l	94
40) Benzene	6.031	78	353420	49.534	ug/l	100

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41) Methacrylonitrile	4.910	41	77222	51.238	ug/l	91
42) 1,2-Dichloroethane	6.080	62	139393	48.898	ug/l	100
43) Isopropyl Acetate	6.336	43	228529	50.529	ug/l	97
44) Trichloroethene	7.123	130	94041	50.393	ug/l	95
45) 1,2-Dichloropropane	7.427	63	90997	49.277	ug/l	99
46) Dibromomethane	7.580	93	69225	48.333	ug/l	97
47) Bromodichloromethane	7.818	83	129502	50.827	ug/l	99
48) Methyl methacrylate	7.690	41	108829	50.405	ug/l #	86
49) 1,4-Dioxane	7.653	88	55659	1046.134	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	787692	252.498	ug/l	97
52) Toluene	8.714	92	237012	50.995	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	149682	54.730	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	151776	52.821	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	98438	49.517	ug/l	94
56) Ethyl methacrylate	9.116	69	157605	51.708	ug/l	94
57) 1,3-Dichloropropane	9.305	76	162341	50.490	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	416983	278.706	ug/l	100
59) 2-Hexanone	9.427	43	646441	257.760	ug/l	95
60) Dibromochloromethane	9.519	129	104515	53.717	ug/l	100
61) 1,2-Dibromoethane	9.610	107	109639	51.000	ug/l	100
64) Tetrachloroethene	9.275	164	81474	49.043	ug/l	97
65) Chlorobenzene	10.079	112	261116	48.627	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	92931	51.178	ug/l	99
67) Ethyl Benzene	10.195	91	480852	50.167	ug/l	99
68) m/p-Xylenes	10.299	106	361440	97.522	ug/l	99
69) o-Xylene	10.640	106	177725	49.133	ug/l	99
70) Styrene	10.653	104	299556	50.852	ug/l	97
71) Bromoform	10.799	173	78166	46.609	ug/l #	100
73) Isopropylbenzene	10.963	105	474541	49.361	ug/l	99
74) N-amyl acetate	10.841	43	214257	52.190	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	175730	49.815	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	144056m	44.203	ug/l	
77) Bromobenzene	11.195	156	113309	48.276	ug/l	93
78) n-propylbenzene	11.305	91	588732	50.084	ug/l	99
79) 2-Chlorotoluene	11.366	91	337931	48.474	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	417702	50.362	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	52653	47.404	ug/l	93
82) 4-Chlorotoluene	11.451	91	405403	49.144	ug/l	98
83) tert-Butylbenzene	11.713	119	404641	49.929	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	418857	50.650	ug/l	99
85) sec-Butylbenzene	11.890	105	535806	51.038	ug/l	100
86) p-Isopropyltoluene	12.006	119	447947	51.717	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	230271	48.846	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	235534	48.938	ug/l	99
89) n-Butylbenzene	12.335	91	443442	51.407	ug/l	97
90) Hexachloroethane	12.536	117	76752	53.445	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	222596	49.122	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42903	50.302	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	149663	49.242	ug/l	98
94) Hexachlorobutadiene	13.725	225	63428	51.851	ug/l	98
95) Naphthalene	13.774	128	514268	48.588	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	143508	48.765	ug/l	98

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

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