

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092324\
 Data File : VX043107.D
 Acq On : 23 Sep 2024 13:54
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092324

Quant Time: Sep 24 02:53:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 02:22:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/24/2024
 Supervised By : Mahesh Dadoda 09/24/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	101413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	178757	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	160829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	86655	51.442	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.880%			
35) Dibromofluoromethane	5.385	113	63310	50.206	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.420%			
50) Toluene-d8	8.647	98	210655	49.377	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.760%			
62) 4-Bromofluorobenzene	11.079	95	88618	51.579	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	51778	47.877	ug/l	98
3) Chloromethane	1.301	50	51502	46.644	ug/l	100
4) Vinyl Chloride	1.374	62	52737	47.021	ug/l	99
5) Bromomethane	1.599	94	31536	48.875	ug/l	99
6) Chloroethane	1.685	64	34439	47.959	ug/l	97
7) Trichlorofluoromethane	1.886	101	92715	46.572	ug/l	100
8) Diethyl Ether	2.136	74	35334	52.863	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	54914	48.870	ug/l	99
10) Methyl Iodide	2.453	142	66394	49.713	ug/l	100
11) Tert butyl alcohol	2.959	59	100769	267.923	ug/l	99
12) 1,1-Dichloroethene	2.319	96	50854	47.315	ug/l	98
13) Acrolein	2.233	56	12042	248.941	ug/l	94
14) Allyl chloride	2.660	41	95994	48.099	ug/l	99
15) Acrylonitrile	3.063	53	172097	263.784	ug/l	99
16) Acetone	2.380	43	189281	240.270	ug/l	98
17) Carbon Disulfide	2.508	76	124439	46.578	ug/l	99
18) Methyl Acetate	2.703	43	116022	54.718	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	214769	52.442	ug/l	100
20) Methylene Chloride	2.788	84	61998	49.466	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	54053	48.603	ug/l	94
22) Diisopropyl ether	3.757	45	190617	51.009	ug/l	92
23) Vinyl Acetate	3.715	43	1158895	263.625	ug/l	100
24) 1,1-Dichloroethane	3.605	63	107558	49.781	ug/l	99
25) 2-Butanone	4.550	43	262086	258.084	ug/l	99
26) 2,2-Dichloropropane	4.471	77	106474	48.689	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	69771	50.395	ug/l	99
28) Bromochloromethane	4.898	49	51562	54.214	ug/l	97
29) Tetrahydrofuran	4.995	42	154826	253.514	ug/l	99
30) Chloroform	5.087	83	119294	50.075	ug/l	100
31) Cyclohexane	5.465	56	79471	47.972	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	107903	47.816	ug/l	100
36) 1,1-Dichloropropene	5.690	75	73028	47.130	ug/l	100
37) Ethyl Acetate	4.709	43	96436	49.549	ug/l	100
38) Carbon Tetrachloride	5.672	117	91695	45.939	ug/l	99
39) Methylcyclohexane	7.379	83	90252	46.411	ug/l	97
40) Benzene	6.031	78	224907	49.191	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	54241	56.059	ug/l	98
42) 1,2-Dichloroethane	6.080	62	98934	50.960	ug/l	100
43) Isopropyl Acetate	6.336	43	167693	51.585	ug/l	100
44) Trichloroethene	7.123	130	59900	47.882	ug/l	99
45) 1,2-Dichloropropane	7.428	63	58308	51.199	ug/l	97
46) Dibromomethane	7.574	93	48679	50.763	ug/l	98
47) Bromodichloromethane	7.818	83	102441	51.373	ug/l	96
48) Methyl methacrylate	7.690	41	81786	51.221	ug/l	97
49) 1,4-Dioxane	7.653	88	32736	1086.037	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	517471	259.114	ug/l	100
52) Toluene	8.714	92	147756	50.180	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	105684	51.629	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	106774	52.231	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	62270	51.363	ug/l	95
56) Ethyl methacrylate	9.110	69	110206	52.239	ug/l	100
57) 1,3-Dichloropropane	9.305	76	104610	50.732	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	220942	259.016	ug/l	100
59) 2-Hexanone	9.427	43	409614	262.310	ug/l	100
60) Dibromochloromethane	9.519	129	81827	51.684	ug/l	100
61) 1,2-Dibromoethane	9.604	107	69223	52.184	ug/l	98
64) Tetrachloroethene	9.269	164	52912	45.407	ug/l	99
65) Chlorobenzene	10.073	112	170912	49.262	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	63428	49.564	ug/l	100
67) Ethyl Benzene	10.189	91	291501	48.571	ug/l	99
68) m/p-Xylenes	10.299	106	219333	98.204	ug/l	97
69) o-Xylene	10.640	106	111687	49.857	ug/l	97
70) Styrene	10.653	104	193026	51.657	ug/l	99
71) Bromoform	10.799	173	59123	52.528	ug/l #	99
73) Isopropylbenzene	10.957	105	287909	46.614	ug/l	100
74) N-amyl acetate	10.842	43	146939	50.633	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	100398	50.515	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	89837m	51.307	ug/l	
77) Bromobenzene	11.195	156	73964	49.883	ug/l	99
78) n-propylbenzene	11.299	91	334050	47.670	ug/l	100
79) 2-Chlorotoluene	11.360	91	206091	46.889	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	244798	47.903	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	36940	50.265	ug/l	99
82) 4-Chlorotoluene	11.451	91	245646	48.897	ug/l	100
83) tert-Butylbenzene	11.713	119	251005	47.667	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	247026	48.588	ug/l	100
85) sec-Butylbenzene	11.890	105	304168	46.998	ug/l	99
86) p-Isopropyltoluene	12.006	119	259230	48.246	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	135846	50.246	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	133851	49.371	ug/l	100
89) n-Butylbenzene	12.329	91	236104	50.420	ug/l	100
90) Hexachloroethane	12.536	117	51770	48.347	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	131971	49.566	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	26728	49.740	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	85880	52.026	ug/l	99
94) Hexachlorobutadiene	13.725	225	34058	49.107	ug/l	99
95) Naphthalene	13.774	128	294548	51.336	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	85271	51.992	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

