

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
 Data File : VX041294.D
 Acq On : 30 Apr 2024 12:53
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX043024

Quant Time: May 01 02:42:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/01/2024
 Supervised By : Semsettin Yesilyurt 05/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	219488	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	302309	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115273	48.243	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.480%		
35) Dibromofluoromethane	5.379	113	95555	46.643	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.280%		
50) Toluene-d8	8.647	98	310193	47.838	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.680%		
62) 4-Bromofluorobenzene	11.079	95	126261	50.302	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	102592	56.884	ug/l	98
3) Chloromethane	1.300	50	98907	52.998	ug/l	98
4) Vinyl Chloride	1.374	62	98474	55.351	ug/l	100
5) Bromomethane	1.599	94	52661	47.217	ug/l	99
6) Chloroethane	1.666	64	41817	50.624	ug/l	99
7) Trichlorofluoromethane	1.867	101	154999	50.524	ug/l	100
8) Diethyl Ether	2.136	74	52279	48.349	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.319	101	97598	56.604	ug/l #	87
10) Methyl Iodide	2.447	142	88436	47.656	ug/l	90
11) Tert butyl alcohol	3.020	59	113765	237.877	ug/l #	93
12) 1,1-Dichloroethene	2.306	96	94311	55.449	ug/l	88
13) Acrolein	2.239	56	97217	256.235	ug/l	98
14) Allyl chloride	2.660	41	157606	55.154	ug/l	96
15) Acrylonitrile	3.068	53	275009	251.952	ug/l	98
16) Acetone	2.392	43	268924	255.666	ug/l	95
17) Carbon Disulfide	2.501	76	224162	56.066	ug/l	99
18) Methyl Acetate	2.709	43	118899	48.636	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	308340	49.730	ug/l	100
20) Methylene Chloride	2.782	84	100887	48.635	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	96057	50.535	ug/l	89
22) Diisopropyl ether	3.763	45	306106	50.545	ug/l	89
23) Vinyl Acetate	3.721	43	1414192	261.047	ug/l	96
24) 1,1-Dichloroethane	3.605	63	172021	50.278	ug/l	98
25) 2-Butanone	4.562	43	395935	256.020	ug/l	95
26) 2,2-Dichloropropane	4.471	77	150389	52.572	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	115931	51.512	ug/l	90
28) Bromochloromethane	4.891	49	58334	47.773	ug/l #	77
29) Tetrahydrofuran	5.007	42	252071	249.228	ug/l	95
30) Chloroform	5.092	83	179752	50.499	ug/l	97
31) Cyclohexane	5.458	56	150138	52.062	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	164339	50.746	ug/l	97
36) 1,1-Dichloropropene	5.684	75	124963	51.012	ug/l	96
37) Ethyl Acetate	4.714	43	154375	50.506	ug/l	99
38) Carbon Tetrachloride	5.672	117	146591	52.236	ug/l	97
39) Methylcyclohexane	7.379	83	155670	54.091	ug/l	92
40) Benzene	6.031	78	382578	50.661	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	81579	51.857	ug/l	95
42) 1,2-Dichloroethane	6.080	62	140265	50.680	ug/l	95
43) Isopropyl Acetate	6.342	43	235651	51.276	ug/l	97
44) Trichloroethene	7.123	130	109506	54.914	ug/l	85
45) 1,2-Dichloropropane	7.427	63	88359	52.368	ug/l	93
46) Dibromomethane	7.580	93	68223	50.792	ug/l #	78
47) Bromodichloromethane	7.818	83	125867	52.586	ug/l	100
48) Methyl methacrylate	7.690	41	106439	50.523	ug/l	95
49) 1,4-Dioxane	7.665	88	39964	877.399	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	645469	234.063	ug/l	99
52) Toluene	8.714	92	216965	46.966	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	118103	49.800	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	134137	50.975	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	88706	49.861	ug/l	97
56) Ethyl methacrylate	9.116	69	146179	53.092	ug/l	98
57) 1,3-Dichloropropane	9.305	76	144476	48.659	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	361540	270.811	ug/l	92
59) 2-Hexanone	9.433	43	548869	248.905	ug/l	98
60) Dibromochloromethane	9.518	129	107174	51.172	ug/l	100
61) 1,2-Dibromoethane	9.610	107	93450	47.746	ug/l	100
64) Tetrachloroethene	9.269	164	96903	52.571	ug/l	91
65) Chlorobenzene	10.079	112	263203	50.935	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	94526	51.771	ug/l	98
67) Ethyl Benzene	10.195	91	434915	51.013	ug/l	96
68) m/p-Xylenes	10.299	106	359466	105.289	ug/l	92
69) o-Xylene	10.640	106	182577	55.852	ug/l	93
70) Styrene	10.652	104	307901	57.401	ug/l	96
71) Bromoform	10.799	173	93088	56.968	ug/l #	100
73) Isopropylbenzene	10.963	105	469450	56.459	ug/l	97
74) N-amyl acetate	10.841	43	207561	57.137	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	151522	55.613	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	125729m	56.638	ug/l	
77) Bromobenzene	11.195	156	135400	57.697	ug/l	78
78) n-propylbenzene	11.305	91	526341	60.270	ug/l	96
79) 2-Chlorotoluene	11.366	91	320780	57.000	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	394519	58.204	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	47678	58.503	ug/l	93
82) 4-Chlorotoluene	11.451	91	369860	57.891	ug/l	92
83) tert-Butylbenzene	11.713	119	408230	56.242	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	353885	51.888	ug/l	94
85) sec-Butylbenzene	11.890	105	436697	52.499	ug/l	95
86) p-Isopropyltoluene	12.006	119	395356	52.921	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	215352	50.486	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	220744	50.229	ug/l	95
89) n-Butylbenzene	12.329	91	337205	56.133	ug/l	96
90) Hexachloroethane	12.536	117	64526	51.647	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	231439	51.368	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	31189	49.539	ug/l	59
93) 1,2,4-Trichlorobenzene	13.585	180	161675	51.337	ug/l	95
94) Hexachlorobutadiene	13.725	225	78756	50.078	ug/l	99
95) Naphthalene	13.774	128	475427	50.942	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	164239	51.027	ug/l	95

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

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