

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061324\
 Data File : VX041843.D
 Acq On : 13 Jun 2024 11:00
 Operator : JC/MD
 Sample : VX0613WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBS01

Quant Time: Jun 14 00:53:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/14/2024
 Supervised By : Semsettin Yesilyurt 06/14/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	208735	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	303678	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	274717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	146209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108823	42.508	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.020%		
35) Dibromofluoromethane	5.385	113	97624	46.496	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.000%		
50) Toluene-d8	8.647	98	351665	47.935	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.860%		
62) 4-Bromofluorobenzene	11.079	95	128779	47.561	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.120%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	28393	15.481	ug/l	97
3) Chloromethane	1.300	50	36094	18.036	ug/l	99
4) Vinyl Chloride	1.374	62	35030	17.004	ug/l	97
5) Bromomethane	1.599	94	18274	12.737	ug/l	97
6) Chloroethane	1.666	64	16474	13.231	ug/l	97
7) Trichlorofluoromethane	1.867	101	51131	15.199	ug/l	99
8) Diethyl Ether	2.136	74	22170	17.099	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	32471	17.034	ug/l	87
10) Methyl Iodide	2.447	142	40475	17.028	ug/l #	87
11) Tert butyl alcohol	3.001	59	38237	84.432	ug/l #	93
12) 1,1-Dichloroethene	2.306	96	31922	17.156	ug/l	86
13) Acrolein	2.239	56	34406	81.595	ug/l	97
14) Allyl chloride	2.660	41	53752	17.560	ug/l	91
15) Acrylonitrile	3.068	53	103616	93.294	ug/l	99
16) Acetone	2.392	43	98926	86.086	ug/l	90
17) Carbon Disulfide	2.501	76	58458	14.202	ug/l	97
18) Methyl Acetate	2.709	43	51647	21.128	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	107195	17.219	ug/l	99
20) Methylene Chloride	2.788	84	37847	16.520	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	32241	16.701	ug/l	86
22) Diisopropyl ether	3.763	45	111751	17.864	ug/l	95
23) Vinyl Acetate	3.721	43	473149	84.189	ug/l	97
24) 1,1-Dichloroethane	3.605	63	61389	17.354	ug/l	99
25) 2-Butanone	4.568	43	144976	91.117	ug/l	97
26) 2,2-Dichloropropane	4.464	77	46736	16.103	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	40943	17.742	ug/l	88
28) Bromochloromethane	4.897	49	30272	19.869	ug/l #	78
29) Tetrahydrofuran	5.013	42	91105	90.793	ug/l	95
30) Chloroform	5.092	83	63762	17.168	ug/l	99
31) Cyclohexane	5.464	56	49861	16.497	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	53278	16.370	ug/l	96
36) 1,1-Dichloropropene	5.690	75	41105	16.168	ug/l	95
37) Ethyl Acetate	4.721	43	52891	16.485	ug/l	97
38) Carbon Tetrachloride	5.672	117	44706	15.478	ug/l	95
39) Methylcyclohexane	7.379	83	51179	16.386	ug/l	91
40) Benzene	6.037	78	140106	17.631	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	28392	18.094	ug/l	92
42) 1,2-Dichloroethane	6.086	62	46476	15.667	ug/l	93
43) Isopropyl Acetate	6.348	43	79244	16.359	ug/l	94
44) Trichloroethene	7.123	130	36645	16.956	ug/l	89
45) 1,2-Dichloropropane	7.427	63	34833	18.436	ug/l	96
46) Dibromomethane	7.580	93	24521	16.921	ug/l #	79
47) Bromodichloromethane	7.824	83	44064	16.422	ug/l	100
48) Methyl methacrylate	7.696	41	39349	16.915	ug/l	87
49) 1,4-Dioxane	7.671	88	19122	376.211	ug/l #	89
51) 4-Methyl-2-Pentanone	8.573	43	281409	89.587	ug/l	96
52) Toluene	8.720	92	90617	17.969	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	44450	16.829	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	49515	16.946	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	36665	18.036	ug/l	95
56) Ethyl methacrylate	9.116	69	55692	17.948	ug/l	90
57) 1,3-Dichloropropane	9.305	76	60346	17.880	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	130261	89.169	ug/l	94
59) 2-Hexanone	9.433	43	216624	90.454	ug/l	94
60) Dibromochloromethane	9.518	129	37427	16.596	ug/l	99
61) 1,2-Dibromoethane	9.610	107	37440	17.450	ug/l	98
64) Tetrachloroethene	9.275	164	35473	17.229	ug/l	90
65) Chlorobenzene	10.079	112	102820	17.440	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	35668	17.435	ug/l	99
67) Ethyl Benzene	10.195	91	165979	17.665	ug/l	97
68) m/p-Xylenes	10.299	106	131779	35.255	ug/l	92
69) o-Xylene	10.640	106	65700	17.669	ug/l	93
70) Styrene	10.658	104	110319	17.962	ug/l	94
71) Bromoform	10.799	173	29862	16.761	ug/l #	100
73) Isopropylbenzene	10.963	105	168358	18.563	ug/l	97
74) N-amyl acetate	10.841	43	70369	17.516	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	60046	18.656	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	47377m	18.572	ug/l	
77) Bromobenzene	11.195	156	48512	18.121	ug/l	80
78) n-propylbenzene	11.305	91	183474	18.423	ug/l	97
79) 2-Chlorotoluene	11.366	91	116688	18.230	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	139508	18.423	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	15199	16.238	ug/l	98
82) 4-Chlorotoluene	11.451	91	129740	17.816	ug/l	93
83) tert-Butylbenzene	11.713	119	149947	18.383	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	142219	18.537	ug/l	93
85) sec-Butylbenzene	11.890	105	171169	18.304	ug/l	96
86) p-Isopropyltoluene	12.006	119	150703	18.375	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	86185	18.026	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	85586	17.366	ug/l	96
89) n-Butylbenzene	12.335	91	111930	17.240	ug/l	98
90) Hexachloroethane	12.536	117	22997	16.486	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	87926	18.055	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11369	17.485	ug/l #	56
93) 1,2,4-Trichlorobenzene	13.585	180	56124	17.486	ug/l	94
94) Hexachlorobutadiene	13.725	225	28017	17.619	ug/l	99
95) Naphthalene	13.774	128	173080	18.274	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	58838	17.812	ug/l	96

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

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