

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060424\
 Data File : VX041730.D
 Acq On : 04 Jun 2024 13:08
 Operator : JC/MD
 Sample : VX0604WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS02

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jun 05 04:55:04 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	180103	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	266818	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	113940	51.582	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.160%	
35) Dibromofluoromethane	5.385	113	88129	47.773	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.540%	
50) Toluene-d8	8.647	98	299704	46.496	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.000%	
62) 4-Bromofluorobenzene	11.079	95	107339	45.119	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.240%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	25413	16.058	ug/l	97
3) Chloromethane	1.301	50	28418	16.458	ug/l	96
4) Vinyl Chloride	1.374	62	28312	15.928	ug/l	98
5) Bromomethane	1.593	94	19186	15.499	ug/l	100
6) Chloroethane	1.666	64	17081	15.899	ug/l	99
7) Trichlorofluoromethane	1.868	101	42852	14.763	ug/l	97
8) Diethyl Ether	2.136	74	19864	17.756	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	25801	15.687	ug/l	90
10) Methyl Iodide	2.441	142	36921	18.002	ug/l	92
11) Tert butyl alcohol	3.001	59	36252	92.774	ug/l	# 89
12) 1,1-Dichloroethene	2.306	96	25110	15.640	ug/l	86
13) Acrolein	2.239	56	28065	77.138	ug/l	99
14) Allyl chloride	2.654	41	44762	16.948	ug/l	97
15) Acrylonitrile	3.069	53	94187	98.286	ug/l	99
16) Acetone	2.392	43	83911	84.567	ug/l	94
17) Carbon Disulfide	2.502	76	49615	13.970	ug/l	98
18) Methyl Acetate	2.709	43	44053	20.887	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	100337	18.680	ug/l	99
20) Methylene Chloride	2.782	84	32994	16.691	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	27156	16.303	ug/l	90
22) Diisopropyl ether	3.770	45	99576	18.448	ug/l	89
23) Vinyl Acetate	3.727	43	452303	93.274	ug/l	97
24) 1,1-Dichloroethane	3.605	63	52645	17.248	ug/l	98
25) 2-Butanone	4.568	43	135279	98.538	ug/l	99
26) 2,2-Dichloropropane	4.477	77	35623	14.226	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	34926	17.541	ug/l	90
28) Bromochloromethane	4.904	49	23739	18.058	ug/l	# 83
29) Tetrahydrofuran	5.019	42	86017	99.350	ug/l	96
30) Chloroform	5.093	83	56642	17.676	ug/l	99
31) Cyclohexane	5.471	56	40537	15.544	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	45713	16.278	ug/l	98
36) 1,1-Dichloropropene	5.690	75	34085	15.259	ug/l	97
37) Ethyl Acetate	4.727	43	53283	18.901	ug/l	99
38) Carbon Tetrachloride	5.678	117	37914	14.940	ug/l	93
39) Methylcyclohexane	7.379	83	42337	15.427	ug/l	95
40) Benzene	6.038	78	118350	16.951	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	28033	20.333	ug/l	97
42) 1,2-Dichloroethane	6.086	62	47099	18.070	ug/l	97
43) Isopropyl Acetate	6.348	43	77282	18.158	ug/l	98
44) Trichloroethene	7.123	130	30771	16.205	ug/l	89
45) 1,2-Dichloropropane	7.434	63	29266	17.630	ug/l	99
46) Dibromomethane	7.580	93	22731	17.853	ug/l #	81
47) Bromodichloromethane	7.824	83	40357	17.118	ug/l	98
48) Methyl methacrylate	7.696	41	39065	19.113	ug/l	97
49) 1,4-Dioxane	7.671	88	13392	299.876	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	274635	99.509	ug/l	100
52) Toluene	8.720	92	74775	16.876	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	39594	17.062	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	43084	16.782	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	32420	18.151	ug/l	96
56) Ethyl methacrylate	9.122	69	51477	18.882	ug/l	99
57) 1,3-Dichloropropane	9.311	76	53068	17.896	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	128816	100.362	ug/l	96
59) 2-Hexanone	9.433	43	211136	100.342	ug/l	98
60) Dibromochloromethane	9.519	129	33993	17.156	ug/l	98
61) 1,2-Dibromoethane	9.610	107	33992	18.031	ug/l	99
64) Tetrachloroethene	9.275	164	29685	16.640	ug/l	90
65) Chlorobenzene	10.079	112	87792	17.186	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	30093	16.977	ug/l	97
67) Ethyl Benzene	10.195	91	138921	17.064	ug/l	99
68) m/p-Xylenes	10.305	106	110196	34.025	ug/l	95
69) o-Xylene	10.640	106	55139	17.114	ug/l	98
70) Styrene	10.659	104	93189	17.512	ug/l	96
71) Bromoform	10.799	173	26418	17.113	ug/l #	99
73) Isopropylbenzene	10.963	105	139549	18.794	ug/l	98
74) N-amyl acetate	10.842	43	68594	20.855	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	53449	20.284	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42661m	20.426	ug/l	
77) Bromobenzene	11.201	156	40902	18.662	ug/l	80
78) n-propylbenzene	11.305	91	150747	18.489	ug/l	97
79) 2-Chlorotoluene	11.366	91	98694	18.833	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	116341	18.766	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	13315	17.376	ug/l	96
82) 4-Chlorotoluene	11.457	91	109759	18.410	ug/l	93
83) tert-Butylbenzene	11.713	119	122818	18.391	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	118941	18.936	ug/l	94
85) sec-Butylbenzene	11.890	105	142917	18.667	ug/l	96
86) p-Isopropyltoluene	12.012	119	123573	18.404	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	70809	18.090	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	71722	17.775	ug/l	96
89) n-Butylbenzene	12.335	91	94124	17.707	ug/l	97
90) Hexachloroethane	12.536	117	19151	16.769	ug/l	66
91) 1,2-Dichlorobenzene	12.335	146	74644	18.722	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11053	20.763	ug/l	64
93) 1,2,4-Trichlorobenzene	13.591	180	46832	17.822	ug/l	96
94) Hexachlorobutadiene	13.725	225	22111	16.984	ug/l	97
95) Naphthalene	13.774	128	192998	24.890	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	51130	18.907	ug/l	96

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

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

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Dadoda

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Reviewed By :John
Carlone

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