

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050724\
 Data File : VX041399.D
 Acq On : 07 May 2024 12:10
 Operator : JC/MD
 Sample : VX0507WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS02

Quant Time: May 08 01:57:32 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 05/08/2024
 Supervised By : Mahesh Dadoda 05/08/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	196478	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	245459	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	136486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	116640	54.532	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.060%			
35) Dibromofluoromethane	5.385	113	94589	56.865	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.720%			
50) Toluene-d8	8.647	98	279655	53.118	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.240%			
62) 4-Bromofluorobenzene	11.079	95	123869	60.778	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 121.560%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	29110	18.031	ug/l	99
3) Chloromethane	1.301	50	29131	17.437	ug/l	99
4) Vinyl Chloride	1.374	62	31531	19.799	ug/l	98
5) Bromomethane	1.599	94	19430	19.462	ug/l	98
6) Chloroethane	1.666	64	15771	21.328	ug/l	95
7) Trichlorofluoromethane	1.868	101	53121	19.344	ug/l	98
8) Diethyl Ether	2.136	74	18999	19.628	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	32659	21.160	ug/l	87
10) Methyl Iodide	2.447	142	28215	16.985	ug/l	92
11) Tert butyl alcohol	3.001	59	41051	95.888	ug/l	# 91
12) 1,1-Dichloroethene	2.313	96	30763	20.205	ug/l	86
13) Acrolein	2.239	56	32719	96.337	ug/l	100
14) Allyl chloride	2.660	41	53469	20.903	ug/l	96
15) Acrylonitrile	3.069	53	98434	100.743	ug/l	98
16) Acetone	2.392	43	100182	104.077	ug/l	96
17) Carbon Disulfide	2.502	76	64750	18.091	ug/l	98
18) Methyl Acetate	2.709	43	44977	20.553	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	111024	20.003	ug/l	99
20) Methylene Chloride	2.788	84	36821	19.829	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	32685	19.209	ug/l	89
22) Diisopropyl ether	3.764	45	108057	19.932	ug/l	# 94
23) Vinyl Acetate	3.721	43	499134	102.926	ug/l	98
24) 1,1-Dichloroethane	3.605	63	61319	20.021	ug/l	98
25) 2-Butanone	4.568	43	145416	105.041	ug/l	99
26) 2,2-Dichloropropane	4.471	77	51389	20.068	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	41212	20.456	ug/l	89
28) Bromochloromethane	4.897	49	22509	20.593	ug/l	# 80
29) Tetrahydrofuran	5.007	42	91552	101.120	ug/l	96
30) Chloroform	5.093	83	65781	20.644	ug/l	97
31) Cyclohexane	5.464	56	49357	19.119	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	57658	19.889	ug/l	98
36) 1,1-Dichloropropene	5.690	75	42630	21.433	ug/l	96
37) Ethyl Acetate	4.721	43	55578	22.394	ug/l	100
38) Carbon Tetrachloride	5.672	117	48679	21.364	ug/l	100
39) Methylcyclohexane	7.379	83	43066	18.430	ug/l	91
40) Benzene	6.038	78	129305	21.088	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	29645	23.209	ug/l	97
42) 1,2-Dichloroethane	6.086	62	50956	22.676	ug/l	97
43) Isopropyl Acetate	6.342	43	83232	22.305	ug/l	98
44) Trichloroethene	7.123	130	30796	19.020	ug/l	88
45) 1,2-Dichloropropane	7.428	63	26959	19.678	ug/l	99
46) Dibromomethane	7.580	93	21327	19.555	ug/l #	77
47) Bromodichloromethane	7.824	83	39211	20.176	ug/l	98
48) Methyl methacrylate	7.696	41	34247	20.021	ug/l	94
49) 1,4-Dioxane	7.665	88	14975	404.918	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	240646	107.475	ug/l	100
52) Toluene	8.720	92	73758	19.664	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	38544	20.017	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	42247	19.773	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	30466	21.091	ug/l	98
56) Ethyl methacrylate	9.116	69	46790	20.930	ug/l	97
57) 1,3-Dichloropropane	9.311	76	49644	20.593	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	106829	98.553	ug/l	93
59) 2-Hexanone	9.433	43	190598	106.452	ug/l	99
60) Dibromochloromethane	9.519	129	35120	20.653	ug/l	99
61) 1,2-Dibromoethane	9.610	107	33659	21.180	ug/l	100
64) Tetrachloroethene	9.269	164	31376	17.225	ug/l	90
65) Chlorobenzene	10.079	112	102967	20.164	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	36160	20.041	ug/l	98
67) Ethyl Benzene	10.195	91	168423	19.991	ug/l	99
68) m/p-Xylenes	10.299	106	132525	39.280	ug/l	95
69) o-Xylene	10.640	106	65741	20.351	ug/l	96
70) Styrene	10.653	104	110975	20.935	ug/l	95
71) Bromoform	10.799	173	30651	18.982	ug/l #	99
73) Isopropylbenzene	10.963	105	171213	20.550	ug/l	96
74) N-amyl acetate	10.842	43	73556	20.208	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	58025	21.255	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	48351m	21.738	ug/l	
77) Bromobenzene	11.195	156	50292	21.388	ug/l	79
78) n-propylbenzene	11.305	91	185139	21.158	ug/l	97
79) 2-Chlorotoluene	11.366	91	119208	21.140	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	142984	21.053	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	14892	18.237	ug/l	96
82) 4-Chlorotoluene	11.451	91	131959	20.613	ug/l	93
83) tert-Butylbenzene	11.713	119	155405	21.368	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	145190	21.246	ug/l	95
85) sec-Butylbenzene	11.890	105	176118	21.130	ug/l	95
86) p-Isopropyltoluene	12.006	119	155653	20.794	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	85693	20.050	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	88815	20.169	ug/l	95
89) n-Butylbenzene	12.329	91	119067	19.781	ug/l	97
90) Hexachloroethane	12.536	117	24154	19.295	ug/l	62
91) 1,2-Dichlorobenzene	12.335	146	88032	19.500	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12096	19.174	ug/l	60
93) 1,2,4-Trichlorobenzene	13.585	180	60712	19.240	ug/l	95
94) Hexachlorobutadiene	13.725	225	30350	19.260	ug/l	99
95) Naphthalene	13.774	128	185948	19.885	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	56139	17.407	ug/l	96

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

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