

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
 Data File : VX041697.D
 Acq On : 03 Jun 2024 12:23
 Operator : JC/MD
 Sample : VX0603WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/04/2024
 Supervised By : Mahesh Dadoda 06/04/2024

Quant Time: Jun 04 00:45:14 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	5.544	168	171384	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	245706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98827	47.016	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.040%		
35) Dibromofluoromethane	5.379	113	77658	45.714	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.420%		
50) Toluene-d8	8.647	98	277260	46.710	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.420%		
62) 4-Bromofluorobenzene	11.079	95	103403	47.199	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	30263	20.096	ug/l	94
3) Chloromethane	1.301	50	30542	18.588	ug/l	98
4) Vinyl Chloride	1.374	62	31768	18.782	ug/l	98
5) Bromomethane	1.593	94	20534	17.431	ug/l	98
6) Chloroethane	1.660	64	18671	18.263	ug/l	94
7) Trichlorofluoromethane	1.867	101	52955	19.172	ug/l	96
8) Diethyl Ether	2.136	74	20663	19.410	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	30488	19.480	ug/l	90
10) Methyl Iodide	2.441	142	38123	19.534	ug/l	92
11) Tert butyl alcohol	2.995	59	40079	107.786	ug/l	# 91
12) 1,1-Dichloroethene	2.306	96	28171	18.440	ug/l	88
13) Acrolein	2.239	56	35123	101.449	ug/l	100
14) Allyl chloride	2.654	41	49319	19.623	ug/l	98
15) Acrylonitrile	3.068	53	95475	104.699	ug/l	99
16) Acetone	2.392	43	94204	100.441	ug/l	98
17) Carbon Disulfide	2.502	76	60933	18.030	ug/l	99
18) Methyl Acetate	2.709	43	43551	21.699	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	99523	19.471	ug/l	98
20) Methylene Chloride	2.788	84	34975	18.593	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	29320	18.498	ug/l	91
22) Diisopropyl ether	3.764	45	101912	19.841	ug/l	97
23) Vinyl Acetate	3.721	43	475136	102.968	ug/l	97
24) 1,1-Dichloroethane	3.605	63	56265	19.372	ug/l	97
25) 2-Butanone	4.562	43	138572	106.072	ug/l	98
26) 2,2-Dichloropropane	4.465	77	43480	18.246	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	36622	19.328	ug/l	92
28) Bromochloromethane	4.897	49	22933	18.333	ug/l	# 79
29) Tetrahydrofuran	5.013	42	88392	107.287	ug/l	97
30) Chloroform	5.093	83	59108	19.384	ug/l	96
31) Cyclohexane	5.464	56	47258	19.043	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	51465	19.259	ug/l	98
36) 1,1-Dichloropropene	5.684	75	38195	18.568	ug/l	96
37) Ethyl Acetate	4.721	43	53061	20.440	ug/l	99
38) Carbon Tetrachloride	5.672	117	44658	19.109	ug/l	98
39) Methylcyclohexane	7.379	83	49308	19.512	ug/l	94
40) Benzene	6.037	78	123453	19.201	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	27931	22.000	ug/l	96
42) 1,2-Dichloroethane	6.086	62	47579	19.823	ug/l	95
43) Isopropyl Acetate	6.348	43	79196	20.206	ug/l	98
44) Trichloroethene	7.123	130	33515	19.166	ug/l	88
45) 1,2-Dichloropropane	7.427	63	30051	19.658	ug/l	96
46) Dibromomethane	7.580	93	23924	20.404	ug/l #	82
47) Bromodichloromethane	7.818	83	43570	20.069	ug/l	98
48) Methyl methacrylate	7.696	41	39156	20.803	ug/l	96
49) 1,4-Dioxane	7.665	88	18867	458.773	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	276165	108.661	ug/l	100
52) Toluene	8.720	92	81195	19.899	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	41889	19.602	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	46342	19.603	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	33471	20.349	ug/l	96
56) Ethyl methacrylate	9.116	69	52633	20.965	ug/l	98
57) 1,3-Dichloropropane	9.305	76	54342	19.900	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	123585	104.560	ug/l	96
59) 2-Hexanone	9.433	43	213569	110.220	ug/l	99
60) Dibromochloromethane	9.519	129	35947	19.701	ug/l	99
61) 1,2-Dibromoethane	9.610	107	35176	20.263	ug/l	100
64) Tetrachloroethene	9.275	164	32414	19.121	ug/l #	87
65) Chlorobenzene	10.079	112	93376	19.237	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	33022	19.605	ug/l	98
67) Ethyl Benzene	10.195	91	151014	19.522	ug/l	98
68) m/p-Xylenes	10.299	106	120957	39.305	ug/l	94
69) o-Xylene	10.640	106	59743	19.515	ug/l	95
70) Styrene	10.659	104	99134	19.605	ug/l	96
71) Bromoform	10.799	173	28749	19.599	ug/l #	100
73) Isopropylbenzene	10.963	105	152427	19.939	ug/l	97
74) N-amyl acetate	10.842	43	70382	20.783	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	55402	20.421	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	44102m	20.509	ug/l	
77) Bromobenzene	11.195	156	44083	19.535	ug/l	80
78) n-propylbenzene	11.305	91	170563	20.318	ug/l	97
79) 2-Chlorotoluene	11.366	91	106342	19.709	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	128398	20.116	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	14482	18.356	ug/l	98
82) 4-Chlorotoluene	11.457	91	122531	19.962	ug/l	95
83) tert-Butylbenzene	11.713	119	136123	19.798	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	131884	20.393	ug/l	95
85) sec-Butylbenzene	11.890	105	160655	20.381	ug/l	95
86) p-Isopropyltoluene	12.006	119	140329	20.299	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	78851	19.566	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	79388	19.110	ug/l	96
89) n-Butylbenzene	12.335	91	106903	19.534	ug/l	97
90) Hexachloroethane	12.536	117	22384	19.037	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	80515	19.614	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11815	21.557	ug/l	69
93) 1,2,4-Trichlorobenzene	13.591	180	51875	19.174	ug/l	95
94) Hexachlorobutadiene	13.725	225	25610	19.107	ug/l	98
95) Naphthalene	13.774	128	161523	20.232	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	55193	19.823	ug/l	96

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

