

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080323\
 Data File : VX036789.D
 Acq On : 03 Aug 2023 10:55
 Operator : JC/MD
 Sample : VX0803WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0803WBSD01

Quant Time: Aug 04 07:31:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023
 Supervised By :Semsettin Yesilyurt 08/04/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	146105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248503	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103654	47.947	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.900%		
35) Dibromofluoromethane	5.391	113	84302	49.355	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.720%		
50) Toluene-d8	8.647	98	286593	47.314	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.620%		
62) 4-Bromofluorobenzene	11.079	95	110251	48.244	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	30323	15.711	ug/l	100
3) Chloromethane	1.301	50	26470	15.078	ug/l	97
4) Vinyl Chloride	1.374	62	29888	16.722	ug/l	100
5) Bromomethane	1.599	94	16325	15.299	ug/l	95
6) Chloroethane	1.685	64	19318	22.231	ug/l	99
7) Trichlorofluoromethane	1.886	101	55092	19.960	ug/l	95
8) Diethyl Ether	2.136	74	20450	19.151	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	31656	19.090	ug/l	98
10) Methyl Iodide	2.453	142	30142	17.500	ug/l	95
11) Tert butyl alcohol	2.959	59	56736	110.855	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	28844	17.631	ug/l	89
13) Acrolein	2.239	56	30584	104.709	ug/l	100
14) Allyl chloride	2.666	41	53189	16.510	ug/l	95
15) Acrylonitrile	3.062	53	103309	100.372	ug/l	98
16) Acetone	2.380	43	90735	101.145	ug/l #	89
17) Carbon Disulfide	2.514	76	66448	14.716	ug/l	99
18) Methyl Acetate	2.703	43	73833	19.564	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	122377	19.906	ug/l	98
20) Methylene Chloride	2.788	84	36018	18.053	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	32458	17.751	ug/l	90
22) Diisopropyl ether	3.763	45	111791	18.276	ug/l	86
23) Vinyl Acetate	3.721	43	434275	92.556	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	62852	18.327	ug/l	97
25) 2-Butanone	4.556	43	145571	100.017	ug/l	93
26) 2,2-Dichloropropane	4.471	77	57457	17.780	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	40541	18.667	ug/l	94
28) Bromochloromethane	4.897	49	32515	19.604	ug/l	90
29) Tetrahydrofuran	5.001	42	91591	97.607	ug/l	92
30) Chloroform	5.093	83	68690	19.577	ug/l	94
31) Cyclohexane	5.471	56	49101	16.404	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	59975	18.655	ug/l	98
36) 1,1-Dichloropropene	5.690	75	46094	18.105	ug/l	98
37) Ethyl Acetate	4.715	43	54439	18.892	ug/l	96
38) Carbon Tetrachloride	5.678	117	50838	18.783	ug/l	99
39) Methylcyclohexane	7.379	83	55030	17.383	ug/l	95
40) Benzene	6.037	78	138187	18.656	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	29490	19.135	ug/l	91
42) 1,2-Dichloroethane	6.086	62	54849	20.253	ug/l	96
43) Isopropyl Acetate	6.336	43	92854	18.720	ug/l	95
44) Trichloroethene	7.129	130	37819	19.533	ug/l	93
45) 1,2-Dichloropropane	7.427	63	37019	18.719	ug/l	98
46) Dibromomethane	7.580	93	27603	19.943	ug/l	96
47) Bromodichloromethane	7.824	83	55390	19.497	ug/l	96
48) Methyl methacrylate	7.696	41	43884	19.024	ug/l	90
49) 1,4-Dioxane	7.659	88	21407	459.373	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	281075	102.398	ug/l	96
52) Toluene	8.720	92	89409	19.264	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	59613	18.565	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	62267	18.377	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	39408	20.199	ug/l	98
56) Ethyl methacrylate	9.116	69	62851	19.784	ug/l	94
57) 1,3-Dichloropropane	9.305	76	65945	20.294	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	130531	83.388	ug/l	96
59) 2-Hexanone	9.427	43	212294	104.209	ug/l	94
60) Dibromochloromethane	9.519	129	42736	19.930	ug/l	100
61) 1,2-Dibromoethane	9.610	107	41032	20.293	ug/l	99
64) Tetrachloroethene	9.275	164	32731	19.459	ug/l	97
65) Chlorobenzene	10.079	112	96616	19.436	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	38328	19.949	ug/l	99
67) Ethyl Benzene	10.195	91	172754	19.024	ug/l	99
68) m/p-Xylenes	10.299	106	130007	38.371	ug/l	99
69) o-Xylene	10.640	106	65718	19.432	ug/l	97
70) Styrene	10.653	104	107305	19.231	ug/l	98
71) Bromoform	10.799	173	30059	19.327	ug/l #	100
73) Isopropylbenzene	10.963	105	172539	19.097	ug/l	99
74) N-amyl acetate	10.841	43	77512	18.397	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	59603	19.532	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	50764m	19.769	ug/l	
77) Bromobenzene	11.195	156	39680	19.285	ug/l	96
78) n-propylbenzene	11.305	91	198765	19.022	ug/l	100
79) 2-Chlorotoluene	11.366	91	119383	18.855	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	145374	19.233	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	19225	16.969	ug/l	88
82) 4-Chlorotoluene	11.451	91	136732	18.953	ug/l	98
83) tert-Butylbenzene	11.713	119	143065	19.267	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	144034	19.054	ug/l	98
85) sec-Butylbenzene	11.890	105	178728	19.301	ug/l	98
86) p-Isopropyltoluene	12.006	119	149786	19.658	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	75537	19.821	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	74910	19.807	ug/l	99
89) n-Butylbenzene	12.329	91	129129	18.931	ug/l	99
90) Hexachloroethane	12.536	117	27017	17.490	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	72955	19.838	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13077	18.441	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	44375	19.586	ug/l	98
94) Hexachlorobutadiene	13.725	225	17587	18.763	ug/l	98
95) Naphthalene	13.774	128	157957	20.006	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	44216	19.800	ug/l	98

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

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