

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038845.D
 Acq On : 16 Nov 2023 18:12
 Operator : JC/MD
 Sample : VX1116WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBSD01

Quant Time: Nov 16 23:05:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2023
 Supervised By : Mahesh Dadoda 11/17/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	158351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	301822	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	276120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129916	50.916	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.840%			
35) Dibromofluoromethane	5.391	113	106184	48.712	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.420%			
50) Toluene-d8	8.647	98	407174	48.821	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.640%			
62) 4-Bromofluorobenzene	11.079	95	156589	46.902	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	38333	20.747	ug/l	98
3) Chloromethane	1.301	50	45241	18.760	ug/l	100
4) Vinyl Chloride	1.374	62	44784	19.278	ug/l	99
5) Bromomethane	1.605	94	28780	29.965	ug/l	99
6) Chloroethane	1.685	64	26309	19.845	ug/l	95
7) Trichlorofluoromethane	1.886	101	58735	19.925	ug/l	98
8) Diethyl Ether	2.136	74	24192	18.842	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	37112	18.984	ug/l	98
10) Methyl Iodide	2.453	142	46302	19.460	ug/l	89
11) Tert butyl alcohol	2.953	59	79008	111.330	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	38361	19.437	ug/l	87
13) Acrolein	2.233	56	37297	99.336	ug/l	97
14) Allyl chloride	2.666	41	77820	19.694	ug/l	91
15) Acrylonitrile	3.062	53	157616	105.110	ug/l	98
16) Acetone	2.380	43	141983	104.529	ug/l #	87
17) Carbon Disulfide	2.508	76	110759	18.117	ug/l	99
18) Methyl Acetate	2.703	43	140701	21.808	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	142454	20.521	ug/l	98
20) Methylene Chloride	2.788	84	45819	18.713	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	41707	19.152	ug/l	97
22) Diisopropyl ether	3.764	45	146679	20.234	ug/l #	85
23) Vinyl Acetate	3.721	43	530012	101.518	ug/l	99
24) 1,1-Dichloroethane	3.611	63	80557	19.872	ug/l	99
25) 2-Butanone	4.556	43	232271	105.449	ug/l	96
26) 2,2-Dichloropropane	4.477	77	66511	18.915	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	49589	19.535	ug/l	95
28) Bromochloromethane	4.898	49	40715	20.919	ug/l	100
29) Tetrahydrofuran	5.001	42	149564	106.940	ug/l	97
30) Chloroform	5.093	83	77372	19.546	ug/l	96
31) Cyclohexane	5.471	56	70047	19.228	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	66973	19.533	ug/l	99
36) 1,1-Dichloropropene	5.696	75	58433	18.703	ug/l	97
37) Ethyl Acetate	4.715	43	81023	19.906	ug/l	97
38) Carbon Tetrachloride	5.678	117	56474	19.558	ug/l	96
39) Methylcyclohexane	7.385	83	74526	18.288	ug/l	96
40) Benzene	6.038	78	177708	19.232	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	41925	19.859	ug/l	92
42) 1,2-Dichloroethane	6.092	62	61001	19.925	ug/l	93
43) Isopropyl Acetate	6.342	43	131201	20.169	ug/l	98
44) Trichloroethene	7.129	130	43375	19.285	ug/l	98
45) 1,2-Dichloropropane	7.434	63	49868	20.054	ug/l	98
46) Dibromomethane	7.580	93	33001	19.900	ug/l	97
47) Bromodichloromethane	7.824	83	63801	19.385	ug/l	98
48) Methyl methacrylate	7.696	41	60714	19.237	ug/l	92
49) 1,4-Dioxane	7.659	88	24756	405.436	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	434381	104.492	ug/l	98
52) Toluene	8.720	92	108984	19.006	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	76759	19.625	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	78461	19.420	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	47613	19.900	ug/l	98
56) Ethyl methacrylate	9.116	69	79425	19.620	ug/l	95
57) 1,3-Dichloropropane	9.305	76	78587	19.860	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	179476	95.171	ug/l	95
59) 2-Hexanone	9.427	43	346153	103.887	ug/l	96
60) Dibromochloromethane	9.519	129	48453	19.917	ug/l	98
61) 1,2-Dibromoethane	9.610	107	49899	19.875	ug/l	100
64) Tetrachloroethene	9.275	164	32703	19.054	ug/l	95
65) Chlorobenzene	10.079	112	115418	19.405	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	41311	19.308	ug/l	95
67) Ethyl Benzene	10.195	91	213848	19.569	ug/l	100
68) m/p-Xylenes	10.299	106	160471	38.820	ug/l	99
69) o-Xylene	10.640	106	79197	19.362	ug/l	99
70) Styrene	10.653	104	133061	19.262	ug/l	98
71) Bromoform	10.799	173	35246	19.761	ug/l #	100
73) Isopropylbenzene	10.963	105	204243	19.388	ug/l	98
74) N-amyl acetate	10.842	43	110088	19.769	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	82256	20.002	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	68231m	20.226	ug/l	
77) Bromobenzene	11.195	156	45518	19.229	ug/l	97
78) n-propylbenzene	11.305	91	249695	19.256	ug/l	99
79) 2-Chlorotoluene	11.366	91	147040	19.107	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	171845	19.400	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	30478	20.040	ug/l #	78
82) 4-Chlorotoluene	11.451	91	171126	19.286	ug/l	100
83) tert-Butylbenzene	11.713	119	168655	19.333	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	175304	19.553	ug/l	99
85) sec-Butylbenzene	11.890	105	220473	19.321	ug/l	98
86) p-Isopropyltoluene	12.006	119	175648	19.175	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	90017	19.420	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	90498	19.075	ug/l	98
89) n-Butylbenzene	12.335	91	173194	18.740	ug/l	97
90) Hexachloroethane	12.536	117	34380	18.795	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	86317	19.633	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20709	20.554	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	55620	18.879	ug/l	97
94) Hexachlorobutadiene	13.725	225	18787	18.007	ug/l	99
95) Naphthalene	13.774	128	215080	19.601	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	53826	19.273	ug/l	97

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

