

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
 Data File : VX037954.D
 Acq On : 28 Sep 2023 16:35
 Operator : JC/MD
 Sample : VX0928WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBSD02

Quant Time: Sep 29 05:47:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/29/2023
 Supervised By :Semsettin Yesilyurt 09/29/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	217121	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	345934	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	330889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	139849	49.024	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.040%		
35) Dibromofluoromethane	5.385	113	121004	52.277	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.560%		
50) Toluene-d8	8.647	98	439186	51.066	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.140%		
62) 4-Bromofluorobenzene	11.079	95	170572	54.579	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.160%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	37720	16.482	ug/l	100
3) Chloromethane	1.300	50	39825	15.994	ug/l	96
4) Vinyl Chloride	1.374	62	45270	16.852	ug/l	99
5) Bromomethane	1.605	94	36304	18.878	ug/l	97
6) Chloroethane	1.684	64	30508	16.485	ug/l	95
7) Trichlorofluoromethane	1.892	101	82748	19.160	ug/l	97
8) Diethyl Ether	2.130	74	31462	18.804	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	42919	19.582	ug/l	96
10) Methyl Iodide	2.453	142	50251	17.325	ug/l	92
11) Tert butyl alcohol	2.953	59	55576	90.764	ug/l	# 92
12) 1,1-Dichloroethene	2.318	96	38457	18.156	ug/l	86
13) Acrolein	2.233	56	58662	96.977	ug/l	99
14) Allyl chloride	2.666	41	60323	17.099	ug/l	96
15) Acrylonitrile	3.062	53	127862	93.920	ug/l	99
16) Acetone	2.373	43	111782	81.456	ug/l	# 87
17) Carbon Disulfide	2.514	76	77198	14.536	ug/l	98
18) Methyl Acetate	2.703	43	94007	18.990	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	149331	19.165	ug/l	100
20) Methylene Chloride	2.788	84	49183	19.370	ug/l	# 88
21) trans-1,2-Dichloroethene	3.093	96	43674	18.568	ug/l	90
22) Diisopropyl ether	3.757	45	140924	19.177	ug/l	# 97
23) Vinyl Acetate	3.721	43	501490	92.778	ug/l	97
24) 1,1-Dichloroethane	3.611	63	81701	18.553	ug/l	99
25) 2-Butanone	4.556	43	170635	88.114	ug/l	90
26) 2,2-Dichloropropane	4.477	77	63473	17.839	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	54981	19.067	ug/l	89
28) Bromochloromethane	4.897	49	36361	17.700	ug/l	# 77
29) Tetrahydrofuran	5.007	42	105381	87.485	ug/l	# 86
30) Chloroform	5.092	83	91303	19.247	ug/l	99
31) Cyclohexane	5.470	56	63618	17.375	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	77004	19.171	ug/l	98
36) 1,1-Dichloropropene	5.690	75	61879	19.407	ug/l	96
37) Ethyl Acetate	4.708	43	65833	18.781	ug/l	96
38) Carbon Tetrachloride	5.678	117	65093	19.511	ug/l	98
39) Methylcyclohexane	7.379	83	76068	18.797	ug/l	90
40) Benzene	6.037	78	189538	19.330	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	34321	19.202	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	71615	20.208	ug/l	96
43) Isopropyl Acetate	6.342	43	106238	18.954	ug/l #	95
44) Trichloroethene	7.129	130	52201	19.117	ug/l	95
45) 1,2-Dichloropropane	7.433	63	50039	19.651	ug/l	100
46) Dibromomethane	7.580	93	36751	20.064	ug/l	90
47) Bromodichloromethane	7.824	83	68701	20.365	ug/l	100
48) Methyl methacrylate	7.696	41	50166	18.722	ug/l #	85
49) 1,4-Dioxane	7.659	88	27078	385.472	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	348076	97.878	ug/l	95
52) Toluene	8.720	92	124761	19.743	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	69819	19.793	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	76840	19.683	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	55503	20.832	ug/l	96
56) Ethyl methacrylate	9.116	69	78991	19.860	ug/l	90
57) 1,3-Dichloropropane	9.311	76	87992	20.409	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	162769	87.639	ug/l	97
59) 2-Hexanone	9.427	43	265200	95.779	ug/l	94
60) Dibromochloromethane	9.518	129	53964	20.332	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57979	20.554	ug/l	99
64) Tetrachloroethene	9.275	164	43636	19.337	ug/l	98
65) Chlorobenzene	10.079	112	142007	19.896	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	50935	20.138	ug/l	98
67) Ethyl Benzene	10.195	91	250413	20.237	ug/l	99
68) m/p-Xylenes	10.299	106	192883	40.339	ug/l	98
69) o-Xylene	10.640	106	95797	19.979	ug/l	97
70) Styrene	10.652	104	159421	20.710	ug/l	95
71) Bromoform	10.799	173	38798	19.418	ug/l #	99
73) Isopropylbenzene	10.963	105	252678	18.344	ug/l	98
74) N-amyl acetate	10.841	43	96126	17.232	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	88719	18.314	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	77662m	17.885	ug/l	
77) Bromobenzene	11.201	156	65285	19.149	ug/l	87
78) n-propylbenzene	11.305	91	301921	19.409	ug/l	99
79) 2-Chlorotoluene	11.366	91	177037	18.458	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	221286	19.024	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21568	15.911	ug/l	94
82) 4-Chlorotoluene	11.457	91	206492	19.123	ug/l	95
83) tert-Butylbenzene	11.713	119	217777	18.524	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	220739	19.073	ug/l	98
85) sec-Butylbenzene	11.890	105	279983	19.630	ug/l	99
86) p-Isopropyltoluene	12.006	119	236297	19.885	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	126200	19.858	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	129738	19.950	ug/l	99
89) n-Butylbenzene	12.335	91	217882	20.930	ug/l	97
90) Hexachloroethane	12.536	117	36634	18.195	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	126001	19.419	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17350	17.968	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	85076	22.259	ug/l	98
94) Hexachlorobutadiene	13.725	225	37420	20.965	ug/l	99
95) Naphthalene	13.774	128	262850	20.335	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	84000	21.356	ug/l	98

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

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