

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
 Data File : VX037953.D
 Acq On : 28 Sep 2023 16:09
 Operator : JC/MD
 Sample : VX0928WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBS02

Quant Time: Sep 29 05:46:59 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	214978	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	354382	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	335263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140632	49.790	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.580%		
35) Dibromofluoromethane	5.385	113	121926	51.420	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.840%		
50) Toluene-d8	8.646	98	445487	50.564	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.120%		
62) 4-Bromofluorobenzene	11.079	95	171456	53.554	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.100%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	38040	16.788	ug/l	97
3) Chloromethane	1.300	50	40464	16.413	ug/l	99
4) Vinyl Chloride	1.373	62	46209	17.373	ug/l	97
5) Bromomethane	1.605	94	37508	19.698	ug/l	99
6) Chloroethane	1.690	64	32919	17.965	ug/l	98
7) Trichlorofluoromethane	1.892	101	83262	19.472	ug/l	97
8) Diethyl Ether	2.135	74	31726	19.151	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.330	101	42840	19.741	ug/l	96
10) Methyl Iodide	2.452	142	49882	17.369	ug/l	91
11) Tert butyl alcohol	2.952	59	52519	86.627	ug/l	# 93
12) 1,1-Dichloroethene	2.318	96	40046	19.094	ug/l	86
13) Acrolein	2.233	56	59125	98.716	ug/l	99
14) Allyl chloride	2.666	41	61374	17.570	ug/l	# 96
15) Acrylonitrile	3.062	53	124201	92.140	ug/l	99
16) Acetone	2.379	43	111766	82.256	ug/l	90
17) Carbon Disulfide	2.513	76	78497	14.928	ug/l	98
18) Methyl Acetate	2.702	43	94842	19.349	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	148969	19.309	ug/l	99
20) Methylene Chloride	2.788	84	51110	20.331	ug/l	86
21) trans-1,2-Dichloroethene	3.093	96	43883	18.843	ug/l	89
22) Diisopropyl ether	3.757	45	141770	19.484	ug/l	# 94
23) Vinyl Acetate	3.720	43	500858	93.585	ug/l	# 95
24) 1,1-Dichloroethane	3.611	63	83292	19.103	ug/l	99
25) 2-Butanone	4.556	43	166718	86.949	ug/l	91
26) 2,2-Dichloropropane	4.476	77	64724	18.371	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	56104	19.650	ug/l	89
28) Bromochloromethane	4.897	49	37561	18.466	ug/l	# 80
29) Tetrahydrofuran	5.001	42	104325	87.472	ug/l	# 86
30) Chloroform	5.092	83	93952	20.003	ug/l	99
31) Cyclohexane	5.476	56	63371	17.481	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	78905	19.840	ug/l	97
36) 1,1-Dichloropropene	5.696	75	61808	18.922	ug/l	95
37) Ethyl Acetate	4.714	43	65381	18.207	ug/l	96
38) Carbon Tetrachloride	5.677	117	65802	19.253	ug/l	97
39) Methylcyclohexane	7.384	83	75430	18.195	ug/l	91
40) Benzene	6.037	78	193551	19.269	ug/l	97

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41) Methacrylonitrile	4.921	41	33781	18.449	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	71085	19.580	ug/l	96
43) Isopropyl Acetate	6.342	43	104170	18.142	ug/l #	95
44) Trichloroethene	7.128	130	52567	18.792	ug/l	99
45) 1,2-Dichloropropane	7.433	63	50516	19.365	ug/l	99
46) Dibromomethane	7.586	93	37516	19.993	ug/l	94
47) Bromodichloromethane	7.823	83	68961	19.955	ug/l	99
48) Methyl methacrylate	7.695	41	51606	18.801	ug/l #	88
49) 1,4-Dioxane	7.659	88	26045	361.928	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	343881	94.393	ug/l	94
52) Toluene	8.720	92	127117	19.636	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	69502	19.234	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	77133	19.287	ug/l #	89
55) 1,1,2-Trichloroethane	9.152	97	55691	20.404	ug/l	94
56) Ethyl methacrylate	9.116	69	77988	19.140	ug/l	90
57) 1,3-Dichloropropane	9.311	76	88109	19.949	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	152897	80.361	ug/l	98
59) 2-Hexanone	9.433	43	258114	90.997	ug/l	92
60) Dibromochloromethane	9.524	129	54852	20.174	ug/l	99
61) 1,2-Dibromoethane	9.610	107	58354	20.193	ug/l	99
64) Tetrachloroethene	9.274	164	43974	19.233	ug/l	97
65) Chlorobenzene	10.079	112	145509	20.121	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	52384	20.440	ug/l	99
67) Ethyl Benzene	10.195	91	250137	19.951	ug/l	99
68) m/p-Xylenes	10.305	106	194728	40.193	ug/l	97
69) o-Xylene	10.640	106	96201	19.801	ug/l	97
70) Styrene	10.658	104	161036	20.647	ug/l	96
71) Bromoform	10.798	173	39158	19.342	ug/l #	99
73) Isopropylbenzene	10.963	105	255889	18.829	ug/l	98
74) N-amyl acetate	10.841	43	96291	17.495	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	88811	18.581	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	76572m	17.872	ug/l	
77) Bromobenzene	11.195	156	65602	19.503	ug/l	86
78) n-propylbenzene	11.304	91	300543	19.582	ug/l	99
79) 2-Chlorotoluene	11.365	91	177625	18.770	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	218017	18.996	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21027	15.721	ug/l	95
82) 4-Chlorotoluene	11.457	91	207514	19.478	ug/l	95
83) tert-Butylbenzene	11.713	119	217492	18.750	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	219036	19.182	ug/l	97
85) sec-Butylbenzene	11.890	105	278325	19.778	ug/l	99
86) p-Isopropyltoluene	12.012	119	233501	19.916	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	126937	20.244	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	127334	19.845	ug/l	98
89) n-Butylbenzene	12.335	91	214799	20.913	ug/l	97
90) Hexachloroethane	12.536	117	35966	18.105	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	125095	19.540	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	17390	18.253	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	84441	22.392	ug/l	96
94) Hexachlorobutadiene	13.725	225	36344	20.638	ug/l	99
95) Naphthalene	13.774	128	258830	20.295	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	81873	21.097	ug/l	97

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

