

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
 Data File : VX037729.D
 Acq On : 14 Sep 2023 15:25
 Operator : JC/MD
 Sample : VX0914WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBSD01

Quant Time: Sep 14 17:42:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	211802	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	345731	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	320811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139694	40.765	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.540%		
35) Dibromofluoromethane	5.385	113	116377	47.490	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.980%		
50) Toluene-d8	8.647	98	427846	46.293	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.580%		
62) 4-Bromofluorobenzene	11.079	95	161758	48.513	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.020%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	38414	16.542	ug/l	95
3) Chloromethane	1.301	50	40380	15.264	ug/l	97
4) Vinyl Chloride	1.374	62	44893	15.086	ug/l	99
5) Bromomethane	1.599	94	33437	13.433	ug/l	99
6) Chloroethane	1.685	64	31099	15.199	ug/l	100
7) Trichlorofluoromethane	1.886	101	78681	15.980	ug/l	98
8) Diethyl Ether	2.136	74	30733	15.728	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	40102	18.169	ug/l	97
10) Methyl Iodide	2.453	142	50324	19.307	ug/l	92
11) Tert butyl alcohol	2.959	59	61800	79.730	ug/l	# 90
12) 1,1-Dichloroethene	2.319	96	36709	16.846	ug/l	89
13) Acrolein	2.233	56	53032	94.718	ug/l	100
14) Allyl chloride	2.666	41	61799	16.189	ug/l	96
15) Acrylonitrile	3.062	53	131349	83.579	ug/l	99
16) Acetone	2.380	43	123817	89.372	ug/l	# 89
17) Carbon Disulfide	2.508	76	80060	14.453	ug/l	100
18) Methyl Acetate	2.703	43	97710	16.701	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	147137	17.104	ug/l	98
20) Methylene Chloride	2.788	84	49616	17.699	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	41016	16.360	ug/l	90
22) Diisopropyl ether	3.764	45	136080	16.363	ug/l	# 89
23) Vinyl Acetate	3.721	43	504373	83.148	ug/l	96
24) 1,1-Dichloroethane	3.611	63	78932	16.287	ug/l	97
25) 2-Butanone	4.556	43	183044	81.030	ug/l	93
26) 2,2-Dichloropropane	4.471	77	62297	18.480	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	51825	16.952	ug/l	89
28) Bromochloromethane	4.897	49	36371	14.855	ug/l	# 80
29) Tetrahydrofuran	5.007	42	115693	80.425	ug/l	90
30) Chloroform	5.093	83	85072	16.255	ug/l	94
31) Cyclohexane	5.471	56	63423	16.073	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	72050	16.541	ug/l	97
36) 1,1-Dichloropropene	5.690	75	58039	17.410	ug/l	98
37) Ethyl Acetate	4.715	43	69238	18.151	ug/l	95
38) Carbon Tetrachloride	5.678	117	60385	17.731	ug/l	98
39) Methylcyclohexane	7.379	83	75562	19.155	ug/l	93
40) Benzene	6.038	78	178925	17.704	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	35911	17.873	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	67754	17.153	ug/l	96
43) Isopropyl Acetate	6.342	43	109357	17.970	ug/l	95
44) Trichloroethene	7.129	130	47862	18.955	ug/l	94
45) 1,2-Dichloropropane	7.434	63	47464	17.796	ug/l	99
46) Dibromomethane	7.580	93	35348	18.217	ug/l	93
47) Bromodichloromethane	7.824	83	63117	18.019	ug/l	97
48) Methyl methacrylate	7.696	41	52647	17.897	ug/l #	89
49) 1,4-Dioxane	7.665	88	29221	400.933	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	363194	90.891	ug/l	95
52) Toluene	8.720	92	116383	17.911	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	66343	18.681	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	72968	18.725	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	50540	18.471	ug/l	94
56) Ethyl methacrylate	9.116	69	78430	18.734	ug/l	90
57) 1,3-Dichloropropane	9.311	76	82161	17.901	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	189457	93.333	ug/l	99
59) 2-Hexanone	9.433	43	283172	91.806	ug/l	93
60) Dibromochloromethane	9.519	129	49652	18.474	ug/l	99
61) 1,2-Dibromoethane	9.610	107	54044	18.375	ug/l	97
64) Tetrachloroethene	9.275	164	40730	19.595	ug/l	99
65) Chlorobenzene	10.079	112	127867	18.700	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	45944	19.496	ug/l	98
67) Ethyl Benzene	10.195	91	228188	18.752	ug/l	99
68) m/p-Xylenes	10.299	106	175634	37.853	ug/l	99
69) o-Xylene	10.640	106	88727	19.180	ug/l	99
70) Styrene	10.659	104	145587	19.290	ug/l	96
71) Bromoform	10.799	173	35663	19.340	ug/l #	100
73) Isopropylbenzene	10.963	105	233683	18.589	ug/l	99
74) N-amyl acetate	10.842	43	98884	18.039	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	86577	18.404	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	74949m	20.304	ug/l	
77) Bromobenzene	11.195	156	57820	19.409	ug/l	88
78) n-propylbenzene	11.305	91	266652	18.437	ug/l	99
79) 2-Chlorotoluene	11.366	91	161984	18.195	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	199924	18.923	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21283	17.526	ug/l	96
82) 4-Chlorotoluene	11.457	91	184556	18.148	ug/l	97
83) tert-Butylbenzene	11.713	119	204423	19.261	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	200627	18.836	ug/l	97
85) sec-Butylbenzene	11.890	105	254563	19.428	ug/l	100
86) p-Isopropyltoluene	12.012	119	209082	19.473	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	108258	18.926	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	110450	18.788	ug/l	99
89) n-Butylbenzene	12.335	91	181108	18.624	ug/l	97
90) Hexachloroethane	12.536	117	32913	18.166	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	111986	19.568	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17491	18.108	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	68628	20.136	ug/l	95
94) Hexachlorobutadiene	13.725	225	30762	21.607	ug/l	99
95) Naphthalene	13.774	128	236213	19.133	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	68915	19.707	ug/l	98

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

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