

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093023\
 Data File : VX037993.D
 Acq On : 30 Sep 2023 11:00
 Operator : JC/MD
 Sample : VX0930WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0930WBS01

Quant Time: Oct 02 02:06:22 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 :Semsettin Yesilyurt 10/02/2023
 Supervised By :Mahesh Dadoda 10/02/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	249268	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	395870	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	218315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163898	50.045	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.100%			
35) Dibromofluoromethane	5.391	113	147316	55.616	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.240%			
50) Toluene-d8	8.647	98	530200	53.872	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.740%			
62) 4-Bromofluorobenzene	11.079	95	202602	56.650	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.300%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	40975	15.596	ug/l	98
3) Chloromethane	1.300	50	49441	17.295	ug/l	99
4) Vinyl Chloride	1.374	62	58527	18.977	ug/l	94
5) Bromomethane	1.605	94	43416	19.664	ug/l	99
6) Chloroethane	1.691	64	41481	19.524	ug/l	97
7) Trichlorofluoromethane	1.886	101	98896	19.946	ug/l	97
8) Diethyl Ether	2.136	74	36952	19.237	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	50779	20.180	ug/l	96
10) Methyl Iodide	2.453	142	64855	19.476	ug/l	92
11) Tert butyl alcohol	2.953	59	60345	85.843	ug/l	# 94
12) 1,1-Dichloroethene	2.319	96	49179	20.223	ug/l	88
13) Acrolein	2.233	56	49284	70.966	ug/l	100
14) Allyl chloride	2.666	41	74896	18.492	ug/l	# 95
15) Acrylonitrile	3.062	53	148777	95.189	ug/l	99
16) Acetone	2.380	43	149606	94.959	ug/l	# 89
17) Carbon Disulfide	2.514	76	119004	19.518	ug/l	100
18) Methyl Acetate	2.703	43	108836	19.150	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	177890	19.885	ug/l	99
20) Methylene Chloride	2.788	84	60372	20.712	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	56943	21.087	ug/l	86
22) Diisopropyl ether	3.763	45	169116	20.045	ug/l	# 88
23) Vinyl Acetate	3.721	43	614695	99.056	ug/l	97
24) 1,1-Dichloroethane	3.611	63	100179	19.815	ug/l	99
25) 2-Butanone	4.556	43	201574	90.666	ug/l	# 89
26) 2,2-Dichloropropane	4.477	77	79863	19.550	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	67891	20.508	ug/l	89
28) Bromochloromethane	4.897	49	44958	19.062	ug/l	# 81
29) Tetrahydrofuran	5.007	42	125882	91.027	ug/l	88
30) Chloroform	5.099	83	110856	20.355	ug/l	94
31) Cyclohexane	5.470	56	85352	20.305	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	95657	20.744	ug/l	97
36) 1,1-Dichloropropene	5.696	75	81191	22.251	ug/l	96
37) Ethyl Acetate	4.714	43	78099	19.470	ug/l	95
38) Carbon Tetrachloride	5.678	117	83337	21.828	ug/l	99
39) Methylcyclohexane	7.379	83	91325	19.720	ug/l	93
40) Benzene	6.043	78	238951	21.296	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	40055	19.583	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	85023	20.965	ug/l	96
43) Isopropyl Acetate	6.342	43	123636	19.275	ug/l #	95
44) Trichloroethene	7.129	130	65475	20.953	ug/l	100
45) 1,2-Dichloropropane	7.427	63	53478	18.352	ug/l	99
46) Dibromomethane	7.580	93	41707	19.897	ug/l	95
47) Bromodichloromethane	7.824	83	74908	19.404	ug/l	95
48) Methyl methacrylate	7.696	41	50617	16.508	ug/l #	86
49) 1,4-Dioxane	7.659	88	24028	298.906	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	403567	99.167	ug/l	95
52) Toluene	8.720	92	158955	21.981	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	89101	22.074	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	96352	21.568	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	64949	21.303	ug/l	95
56) Ethyl methacrylate	9.116	69	94015	20.655	ug/l	90
57) 1,3-Dichloropropane	9.311	76	105261	21.335	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	148435	69.839	ug/l	98
59) 2-Hexanone	9.427	43	310997	98.151	ug/l	92
60) Dibromochloromethane	9.518	129	66275	21.821	ug/l	100
61) 1,2-Dibromoethane	9.610	107	70677	21.894	ug/l	99
64) Tetrachloroethene	9.275	164	56237	23.837	ug/l	98
65) Chlorobenzene	10.079	112	148976	19.965	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	48770	18.443	ug/l	97
67) Ethyl Benzene	10.195	91	266393	20.591	ug/l	98
68) m/p-Xylenes	10.299	106	179377	35.882	ug/l	99
69) o-Xylene	10.640	106	98270	19.603	ug/l	99
70) Styrene	10.652	104	151075	18.772	ug/l	97
71) Bromoform	10.799	173	41486	19.860	ug/l #	98
73) Isopropylbenzene	10.963	105	292981	18.292	ug/l	98
74) N-amyl acetate	10.841	43	104619	16.129	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	104436	18.540	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	90630m	17.949	ug/l	
77) Bromobenzene	11.201	156	78423	19.782	ug/l	86
78) n-propylbenzene	11.305	91	372374	20.586	ug/l	98
79) 2-Chlorotoluene	11.366	91	214055	19.192	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	267306	19.762	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25803	16.370	ug/l	93
82) 4-Chlorotoluene	11.451	91	252194	20.085	ug/l	96
83) tert-Butylbenzene	11.713	119	260061	19.024	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	261331	19.419	ug/l	98
85) sec-Butylbenzene	11.890	105	340320	20.520	ug/l	100
86) p-Isopropyltoluene	12.006	119	284654	20.601	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	149547	20.237	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	156062	20.638	ug/l	98
89) n-Butylbenzene	12.329	91	265661	21.947	ug/l	97
90) Hexachloroethane	12.536	117	44326	18.933	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	150254	19.915	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17636	15.706	ug/l	81
93) 1,2,4-Trichlorobenzene	13.585	180	87309	19.645	ug/l	96
94) Hexachlorobutadiene	13.725	225	35520	17.114	ug/l	97
95) Naphthalene	13.774	128	264728	17.612	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	87257	19.078	ug/l	99

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

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