

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037712.D
 Acq On : 14 Sep 2023 04:35
 Operator : JC/MD
 Sample : VX0913WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBSD02

Quant Time: Sep 14 05:30:06 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 : John Carlone 09/14/2023
 Supervised By : Mahesh Dadoda 09/14/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	147931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	294713	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	274714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149615	62.511	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 125.020%#			
35) Dibromofluoromethane	5.385	113	118615	56.782	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.560%			
50) Toluene-d8	8.647	98	383872	48.725	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.440%			
62) 4-Bromofluorobenzene	11.079	95	138971	48.894	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.780%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	23711	14.619	ug/l	97
3) Chloromethane	1.300	50	41938	22.698	ug/l	98
4) Vinyl Chloride	1.374	62	37481	18.033	ug/l	99
5) Bromomethane	1.599	94	33989	19.550	ug/l	100
6) Chloroethane	1.678	64	27544	19.274	ug/l	97
7) Trichlorofluoromethane	1.880	101	52481	15.261	ug/l	96
8) Diethyl Ether	2.136	74	33000	24.180	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	24372	15.810	ug/l	100
10) Methyl Iodide	2.453	142	48859	26.838	ug/l	93
11) Tert butyl alcohol	2.965	59	71548	139.621	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	28610	18.798	ug/l	87
13) Acrolein	2.233	56	40219	102.849	ug/l	99
14) Allyl chloride	2.660	41	58144	21.808	ug/l	95
15) Acrylonitrile	3.062	53	140080	127.620	ug/l	99
16) Acetone	2.380	43	120009	124.025	ug/l	93
17) Carbon Disulfide	2.508	76	60697	15.688	ug/l	98
18) Methyl Acetate	2.703	43	104660	25.613	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	157628	26.234	ug/l	98
20) Methylene Chloride	2.788	84	49725	25.965	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	35777	20.432	ug/l	89
22) Diisopropyl ether	3.757	45	146044	25.143	ug/l	98
23) Vinyl Acetate	3.721	43	530800	125.286	ug/l	98
24) 1,1-Dichloroethane	3.611	63	78294	23.131	ug/l	99
25) 2-Butanone	4.556	43	191981	121.680	ug/l	92
26) 2,2-Dichloropropane	4.483	77	32374	13.750	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	50572	23.684	ug/l	88
28) Bromochloromethane	4.897	49	42782	25.018	ug/l	86
29) Tetrahydrofuran	5.007	42	124756	124.169	ug/l	91
30) Chloroform	5.092	83	87349	23.896	ug/l	100
31) Cyclohexane	5.464	56	39504	14.333	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	61219	20.122	ug/l	99
36) 1,1-Dichloropropene	5.696	75	42805	15.063	ug/l	96
37) Ethyl Acetate	4.714	43	72483	22.291	ug/l	95
38) Carbon Tetrachloride	5.678	117	44120	15.197	ug/l	95
39) Methylcyclohexane	7.379	83	40395	12.013	ug/l	100
40) Benzene	6.037	78	172854	20.064	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	37668	21.993	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	73629	21.867	ug/l	98
43) Isopropyl Acetate	6.342	43	116680	22.493	ug/l	97
44) Trichloroethene	7.129	130	39054	18.144	ug/l	98
45) 1,2-Dichloropropane	7.427	63	48990	21.548	ug/l	100
46) Dibromomethane	7.580	93	37456	22.645	ug/l	95
47) Bromodichloromethane	7.824	83	64147	21.483	ug/l	93
48) Methyl methacrylate	7.696	41	55790	22.248	ug/l #	87
49) 1,4-Dioxane	7.665	88	29908	481.397	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	391458	114.922	ug/l	96
52) Toluene	8.720	92	104988	18.954	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	59746	19.736	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	67411	20.294	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	54301	23.281	ug/l	94
56) Ethyl methacrylate	9.116	69	79951	22.404	ug/l	92
57) 1,3-Dichloropropane	9.311	76	87740	22.426	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	194127	112.189	ug/l	99
59) 2-Hexanone	9.433	43	298848	113.661	ug/l	95
60) Dibromochloromethane	9.525	129	50307	21.958	ug/l	99
61) 1,2-Dibromoethane	9.610	107	56017	22.343	ug/l	100
64) Tetrachloroethene	9.275	164	31348	17.612	ug/l	99
65) Chlorobenzene	10.079	112	114657	19.582	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	45898	22.744	ug/l	98
67) Ethyl Benzene	10.195	91	184604	17.716	ug/l	99
68) m/p-Xylenes	10.299	106	143502	36.117	ug/l	97
69) o-Xylene	10.640	106	77212	19.491	ug/l	97
70) Styrene	10.659	104	126735	19.610	ug/l	96
71) Bromoform	10.799	173	36615	23.188	ug/l #	100
73) Isopropylbenzene	10.963	105	173511	18.324	ug/l	99
74) N-amyl acetate	10.841	43	99572	24.114	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	88861	25.077	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	68661m	24.693	ug/l	
77) Bromobenzene	11.201	156	50785	22.631	ug/l	91
78) n-propylbenzene	11.305	91	189368	17.382	ug/l	100
79) 2-Chlorotoluene	11.366	91	131693	19.638	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	151776	19.071	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	17783	19.440	ug/l	96
82) 4-Chlorotoluene	11.457	91	144665	18.885	ug/l	96
83) tert-Butylbenzene	11.713	119	148851	18.618	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	157197	19.592	ug/l	99
85) sec-Butylbenzene	11.890	105	165835	16.802	ug/l	100
86) p-Isopropyltoluene	12.012	119	136479	16.874	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	84298	19.564	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	86223	19.471	ug/l	99
89) n-Butylbenzene	12.335	91	108888	14.865	ug/l	97
90) Hexachloroethane	12.536	117	23698	17.364	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	92857	21.540	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16963	23.313	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	48626	18.940	ug/l	96
94) Hexachlorobutadiene	13.725	225	17098	15.943	ug/l	98
95) Naphthalene	13.774	128	201248	21.640	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	52440	19.908	ug/l	98

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

