

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090223\
 Data File : VX037477.D
 Acq On : 02 Sep 2023 12:49
 Operator : JC/MD
 Sample : VX0902WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0902WBS01

Quant Time: Sep 04 04:24:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/05/2023
 Supervised By :Semsettin Yesilyurt 09/05/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	136066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230076	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96016	48.947	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.900%		
35) Dibromofluoromethane	5.385	113	84867	55.697	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	111.400%		
50) Toluene-d8	8.647	98	292782	52.971	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	105.940%		
62) 4-Bromofluorobenzene	11.079	95	115437	53.145	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28241	17.868	ug/l	98
3) Chloromethane	1.294	50	26216	18.959	ug/l	99
4) Vinyl Chloride	1.374	62	29062	19.309	ug/l	100
5) Bromomethane	1.605	94	16242	21.664	ug/l	93
6) Chloroethane	1.685	64	18403	20.778	ug/l	97
7) Trichlorofluoromethane	1.886	101	47079	19.095	ug/l	99
8) Diethyl Ether	2.136	74	18042	18.914	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	27509	19.126	ug/l	96
10) Methyl Iodide	2.453	142	33183	18.982	ug/l	93
11) Tert butyl alcohol	2.959	59	33758	73.362	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	25525	18.224	ug/l	86
13) Acrolein	2.233	56	22244	63.544	ug/l	98
14) Allyl chloride	2.666	41	38020	17.537	ug/l #	92
15) Acrylonitrile	3.062	53	75089	91.425	ug/l	99
16) Acetone	2.380	43	69750	90.890	ug/l #	88
17) Carbon Disulfide	2.514	76	54170	15.204	ug/l	98
18) Methyl Acetate	2.703	43	50327	17.417	ug/l #	85
19) Methyl tert-butyl Ether	3.111	73	96633	18.191	ug/l	96
20) Methylene Chloride	2.788	84	31134	18.142	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	28334	17.795	ug/l	87
22) Diisopropyl ether	3.757	45	83412	18.750	ug/l #	95
23) Vinyl Acetate	3.721	43	300550	88.160	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	51596	18.495	ug/l	94
25) 2-Butanone	4.556	43	98511	85.255	ug/l #	86
26) 2,2-Dichloropropane	4.471	77	43673	17.529	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	34738	18.506	ug/l	89
28) Bromochloromethane	4.897	49	26724	21.444	ug/l #	73
29) Tetrahydrofuran	5.001	42	61570	83.554	ug/l #	82
30) Chloroform	5.092	83	57891	18.485	ug/l	99
31) Cyclohexane	5.464	56	40389	18.311	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	50361	17.945	ug/l	95
36) 1,1-Dichloropropene	5.696	75	39157	18.088	ug/l	97
37) Ethyl Acetate	4.714	43	40597	18.358	ug/l #	94
38) Carbon Tetrachloride	5.678	117	42815	18.207	ug/l	95
39) Methylcyclohexane	7.379	83	48533	21.338	ug/l	90
40) Benzene	6.037	78	120266	19.371	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	20905	18.185	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	43284	17.777	ug/l	94
43) Isopropyl Acetate	6.342	43	61362	17.478	ug/l #	91
44) Trichloroethene	7.129	130	32628	18.533	ug/l	95
45) 1,2-Dichloropropane	7.434	63	30140	19.688	ug/l	97
46) Dibromomethane	7.580	93	22115	18.338	ug/l	93
47) Bromodichloromethane	7.824	83	42098	18.225	ug/l	99
48) Methyl methacrylate	7.696	41	29955	17.495	ug/l #	83
49) 1,4-Dioxane	7.671	88	14891	322.935	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	191650	89.897	ug/l	89
52) Toluene	8.720	92	78491	19.134	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	42574	17.310	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	48086	18.092	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	32534	19.477	ug/l	98
56) Ethyl methacrylate	9.116	69	48019	18.353	ug/l #	83
57) 1,3-Dichloropropane	9.305	76	54597	19.389	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	122824	97.820	ug/l	93
59) 2-Hexanone	9.427	43	145908	89.762	ug/l	87
60) Dibromochloromethane	9.518	129	32503	18.276	ug/l	100
61) 1,2-Dibromoethane	9.610	107	33899	18.535	ug/l	98
64) Tetrachloroethene	9.275	164	26169	17.112	ug/l	99
65) Chlorobenzene	10.079	112	84273	19.021	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	31486	19.255	ug/l	99
67) Ethyl Benzene	10.195	91	147830	18.962	ug/l	99
68) m/p-Xylenes	10.299	106	115012	38.201	ug/l	97
69) o-Xylene	10.640	106	57251	19.274	ug/l	98
70) Styrene	10.652	104	92295	18.863	ug/l	97
71) Bromoform	10.799	173	21898	17.902	ug/l #	100
73) Isopropylbenzene	10.963	105	151467	20.096	ug/l	100
74) N-amyl acetate	10.841	43	51183	17.477	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	50622	19.943	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	40503m	18.341	ug/l	
77) Bromobenzene	11.195	156	35133	19.086	ug/l	92
78) n-propylbenzene	11.305	91	168257	20.048	ug/l	99
79) 2-Chlorotoluene	11.366	91	103549	19.307	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	128489	20.436	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	12176	15.400	ug/l	93
82) 4-Chlorotoluene	11.451	91	117425	18.967	ug/l	99
83) tert-Butylbenzene	11.713	119	127007	21.181	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	127936	20.134	ug/l	97
85) sec-Butylbenzene	11.890	105	156666	22.369	ug/l	99
86) p-Isopropyltoluene	12.006	119	132738	22.016	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	66396	19.266	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	66311	18.624	ug/l	100
89) n-Butylbenzene	12.329	91	106920	21.390	ug/l	98
90) Hexachloroethane	12.536	117	21311	21.177	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	67544	20.015	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10452	17.721	ug/l	79
93) 1,2,4-Trichlorobenzene	13.585	180	40884	20.705	ug/l	96
94) Hexachlorobutadiene	13.725	225	18126	23.761	ug/l	98
95) Naphthalene	13.774	128	143627	16.605	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	42079	21.449	ug/l	98

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

