

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090223\
 Data File : VX037478.D
 Acq On : 02 Sep 2023 13:16
 Operator : JC/MD
 Sample : VX0902WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0902WBSD01

Quant Time: Sep 04 04:25:49 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	135362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	222534	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93165	47.741	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.480%		
35) Dibromofluoromethane	5.385	113	81670	55.415	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	110.820%		
50) Toluene-d8	8.647	98	281419	52.641	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	105.280%		
62) 4-Bromofluorobenzene	11.079	95	113237	53.899	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28353	18.032	ug/l	96
3) Chloromethane	1.294	50	24596	17.880	ug/l	99
4) Vinyl Chloride	1.374	62	27146	18.129	ug/l	100
5) Bromomethane	1.605	94	16460	22.069	ug/l	99
6) Chloroethane	1.685	64	18090	20.531	ug/l	98
7) Trichlorofluoromethane	1.886	101	45743	18.649	ug/l	98
8) Diethyl Ether	2.136	74	17785	18.742	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	28022	19.584	ug/l	97
10) Methyl Iodide	2.453	142	32556	18.720	ug/l	93
11) Tert butyl alcohol	2.959	59	30951	67.612	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	24681	17.713	ug/l	88
13) Acrolein	2.233	56	21687	62.275	ug/l	98
14) Allyl chloride	2.666	41	36431	16.892	ug/l #	90
15) Acrylonitrile	3.062	53	73958	90.516	ug/l	98
16) Acetone	2.380	43	64914	85.028	ug/l #	89
17) Carbon Disulfide	2.514	76	52593	14.839	ug/l	97
18) Methyl Acetate	2.703	43	48980	17.039	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	95714	18.112	ug/l	97
20) Methylene Chloride	2.788	84	30716	17.991	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	26594	16.789	ug/l	90
22) Diisopropyl ether	3.757	45	81208	18.349	ug/l #	90
23) Vinyl Acetate	3.721	43	294470	86.826	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	49079	17.684	ug/l	98
25) 2-Butanone	4.550	43	93882	81.671	ug/l #	85
26) 2,2-Dichloropropane	4.471	77	42356	17.089	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	33286	17.825	ug/l	89
28) Bromochloromethane	4.897	49	26187	21.122	ug/l #	71
29) Tetrahydrofuran	5.001	42	59105	80.626	ug/l #	82
30) Chloroform	5.099	83	55085	17.681	ug/l	98
31) Cyclohexane	5.471	56	40382	18.403	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	48980	17.544	ug/l	95
36) 1,1-Dichloropropene	5.690	75	37672	17.992	ug/l	97
37) Ethyl Acetate	4.715	43	35565	16.628	ug/l #	91
38) Carbon Tetrachloride	5.678	117	41453	18.225	ug/l	99
39) Methylcyclohexane	7.379	83	47649	21.660	ug/l	90
40) Benzene	6.037	78	114365	19.044	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	20238	18.201	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	41774	17.739	ug/l	92
43) Isopropyl Acetate	6.336	43	59391	17.490	ug/l #	91
44) Trichloroethene	7.123	130	31433	18.460	ug/l	96
45) 1,2-Dichloropropane	7.427	63	29329	19.808	ug/l	97
46) Dibromomethane	7.580	93	22349	19.160	ug/l	94
47) Bromodichloromethane	7.824	83	40825	18.273	ug/l	100
48) Methyl methacrylate	7.690	41	28516	17.219	ug/l #	83
49) 1,4-Dioxane	7.665	88	13909	311.862	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	186241	90.321	ug/l	90
52) Toluene	8.720	92	75834	19.113	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	41879	17.604	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	47473	18.467	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	32035	19.828	ug/l	97
56) Ethyl methacrylate	9.116	69	47434	18.744	ug/l #	83
57) 1,3-Dichloropropane	9.305	76	52428	19.249	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	119180	98.134	ug/l	92
59) 2-Hexanone	9.427	43	139207	88.542	ug/l	87
60) Dibromochloromethane	9.519	129	32044	18.628	ug/l	100
61) 1,2-Dibromoethane	9.610	107	33793	19.104	ug/l	100
64) Tetrachloroethene	9.275	164	25886	17.435	ug/l	95
65) Chlorobenzene	10.079	112	82842	19.258	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	30881	19.451	ug/l	99
67) Ethyl Benzene	10.195	91	143221	18.922	ug/l	99
68) m/p-Xylenes	10.299	106	111659	38.200	ug/l	100
69) o-Xylene	10.640	106	55626	19.289	ug/l	97
70) Styrene	10.653	104	90655	19.083	ug/l	97
71) Bromoform	10.799	173	21803	18.360	ug/l #	99
73) Isopropylbenzene	10.963	105	147215	19.528	ug/l	99
74) N-amyl acetate	10.841	43	50163	17.125	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	48582	19.135	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	39785m	18.012	ug/l	
77) Bromobenzene	11.201	156	34792	18.897	ug/l	92
78) n-propylbenzene	11.305	91	166061	19.782	ug/l	99
79) 2-Chlorotoluene	11.366	91	102940	19.189	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	125232	19.914	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	11948	15.108	ug/l	95
82) 4-Chlorotoluene	11.451	91	116419	18.800	ug/l	97
83) tert-Butylbenzene	11.713	119	125596	20.942	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	125417	19.733	ug/l	98
85) sec-Butylbenzene	11.890	105	155417	22.186	ug/l	99
86) p-Isopropyltoluene	12.006	119	131571	21.818	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	66017	19.152	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	65932	18.513	ug/l	100
89) n-Butylbenzene	12.329	91	107620	21.525	ug/l	99
90) Hexachloroethane	12.536	117	20508	20.375	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	66855	19.806	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10497	17.794	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	41209	20.865	ug/l	98
94) Hexachlorobutadiene	13.725	225	18231	23.894	ug/l	99
95) Naphthalene	13.774	128	144932	16.752	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	42155	21.483	ug/l	98

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

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