

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082323\
 Data File : VX037197.D
 Acq On : 23 Aug 2023 20:43
 Operator : JC/MD
 Sample : 04051-05MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D-20230816MS

Quant Time: Aug 24 05:38:52 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 : Semsettin Yesilyurt 08/24/2023
 Supervised By : Mahesh Dadoda 08/24/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	127934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	241955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	106588	57.790	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.580%			
35) Dibromofluoromethane	5.385	113	85743	53.509	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.020%			
50) Toluene-d8	8.647	98	303340	52.187	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.380%			
62) 4-Bromofluorobenzene	11.079	95	124478	54.494	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57787	38.885	ug/l	98
3) Chloromethane	1.307	50	74540	57.333	ug/l	98
4) Vinyl Chloride	1.374	62	68072	48.101	ug/l	99
5) Bromomethane	1.599	94	36294	51.486	ug/l	99
6) Chloroethane	1.672	64	45331	54.434	ug/l	98
7) Trichlorofluoromethane	1.880	101	100852	43.505	ug/l	98
8) Diethyl Ether	2.130	74	50005	55.755	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	50787	37.554	ug/l	97
10) Methyl Iodide	2.447	142	96084	58.457	ug/l	96
11) Tert butyl alcohol	2.971	59	126460	292.290	ug/l #	92
12) 1,1-Dichloroethene	2.312	96	61315	46.558	ug/l	87
13) Acrolein	2.233	56	69105	209.957	ug/l	98
14) Allyl chloride	2.660	41	107916	52.941	ug/l #	94
15) Acrylonitrile	3.062	53	218937	283.512	ug/l	99
16) Acetone	2.380	43	192678	267.035	ug/l	91
17) Carbon Disulfide	2.508	76	136976	40.890	ug/l	98
18) Methyl Acetate	2.703	43	140592	51.750	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	280319	56.123	ug/l	97
20) Methylene Chloride	2.788	84	84510	52.374	ug/l #	86
21) trans-1,2-Dichloroethene	3.087	96	73369	49.008	ug/l	89
22) Diisopropyl ether	3.763	45	231751	55.405	ug/l #	81
23) Vinyl Acetate	3.721	43	828580	258.495	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	141979	54.127	ug/l	96
25) 2-Butanone	4.556	43	301616	277.621	ug/l #	86
26) 2,2-Dichloropropane	4.471	77	104790	44.733	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	95195	53.938	ug/l	88
28) Bromochloromethane	4.897	49	70221	59.927	ug/l #	76
29) Tetrahydrofuran	5.001	42	188042	271.404	ug/l #	83
30) Chloroform	5.092	83	160979	54.670	ug/l	96
31) Cyclohexane	5.470	56	77995	37.608	ug/l	86
32) 1,1,1-Trichloroethane	5.385	97	134122	50.830	ug/l	96
36) 1,1-Dichloropropene	5.690	75	95143	41.792	ug/l	97
37) Ethyl Acetate	4.714	43	108042	46.459	ug/l #	93
38) Carbon Tetrachloride	5.678	117	108449	43.853	ug/l	96
39) Methylcyclohexane	7.379	83	86822	36.299	ug/l	89
40) Benzene	6.037	78	320156	49.034	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	61468	50.844	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	129485	50.570	ug/l	95
43) Isopropyl Acetate	6.342	43	180351	48.848	ug/l #	92
44) Trichloroethene	7.123	130	85630	46.251	ug/l	96
45) 1,2-Dichloropropane	7.427	63	81757	50.783	ug/l	98
46) Dibromomethane	7.580	93	64109	50.549	ug/l	94
47) Bromodichloromethane	7.824	83	125473	51.652	ug/l	96
48) Methyl methacrylate	7.690	41	92444	51.342	ug/l #	87
49) 1,4-Dioxane	7.659	88	57188	1179.324	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	590968	263.596	ug/l	91
52) Toluene	8.720	92	210285	48.745	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	131460	50.825	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	137015	49.020	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	92862	52.863	ug/l	99
56) Ethyl methacrylate	9.116	69	144959	52.683	ug/l	88
57) 1,3-Dichloropropane	9.311	76	151716	51.233	ug/l	99
59) 2-Hexanone	9.433	43	466628	272.973	ug/l	90
60) Dibromochloromethane	9.518	129	100269	53.611	ug/l	100
61) 1,2-Dibromoethane	9.610	107	99230	51.593	ug/l	100
64) Tetrachloroethene	9.275	164	61948	37.174	ug/l	98
65) Chlorobenzene	10.079	112	233931	48.454	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	91537	51.371	ug/l	99
67) Ethyl Benzene	10.195	91	403088	47.448	ug/l	99
68) m/p-Xylenes	10.299	106	315592	96.197	ug/l	98
69) o-Xylene	10.640	106	161593	49.924	ug/l	99
70) Styrene	10.652	104	272302	51.072	ug/l	97
71) Bromoform	10.799	173	74417	55.832	ug/l #	100
73) Isopropylbenzene	10.963	105	404854	46.441	ug/l	99
74) N-amyl acetate	10.841	43	164576	48.586	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	151326	51.544	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	126158m	49.391	ug/l	
77) Bromobenzene	11.195	156	103066	48.409	ug/l	93
78) n-propylbenzene	11.305	91	451219	46.483	ug/l	99
79) 2-Chlorotoluene	11.366	91	296389	47.779	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	356258	48.990	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	43563	47.635	ug/l	90
82) 4-Chlorotoluene	11.451	91	342070	47.770	ug/l	98
83) tert-Butylbenzene	11.713	119	354105	51.058	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	366674	49.891	ug/l	98
85) sec-Butylbenzene	11.890	105	398484	49.191	ug/l	99
86) p-Isopropyltoluene	12.006	119	351505	50.406	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	193026	48.425	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	193907	47.085	ug/l	99
89) n-Butylbenzene	12.329	91	277556	48.007	ug/l	99
90) Hexachloroethane	12.536	117	65975	56.682	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	198142	50.763	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36466	53.456	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	110928	48.570	ug/l	98
94) Hexachlorobutadiene	13.725	225	38808	43.985	ug/l	98
95) Naphthalene	13.774	128	432028	43.184	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	112910	49.761	ug/l	98

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

