

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082323\
 Data File : VX037198.D
 Acq On : 23 Aug 2023 21:07
 Operator : JC/MD
 Sample : 04051-06MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D-20230816MSD

Quant Time: Aug 24 05:39:38 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	104277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209595	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94051	62.561	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 125.120%#			
35) Dibromofluoromethane	5.385	113	75897	54.677	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.360%			
50) Toluene-d8	8.647	98	255274	50.698	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.400%			
62) 4-Bromofluorobenzene	11.079	95	108399	54.782	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47330	39.074	ug/l	99
3) Chloromethane	1.301	50	67752	63.934	ug/l	100
4) Vinyl Chloride	1.374	62	58785	50.963	ug/l	98
5) Bromomethane	1.593	94	32301	56.218	ug/l	96
6) Chloroethane	1.666	64	39295	57.890	ug/l	99
7) Trichlorofluoromethane	1.874	101	83923	44.415	ug/l	99
8) Diethyl Ether	2.136	74	45654	62.452	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.325	101	41665	37.798	ug/l	97
10) Methyl Iodide	2.447	142	85755	64.010	ug/l	97
11) Tert butyl alcohol	2.977	59	127064	360.313	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	52428	48.842	ug/l	85
13) Acrolein	2.233	56	68350	254.776	ug/l	99
14) Allyl chloride	2.660	41	97350	58.593	ug/l #	94
15) Acrylonitrile	3.062	53	212555	337.693	ug/l	100
16) Acetone	2.380	43	189322	321.910	ug/l	90
17) Carbon Disulfide	2.508	76	119519	43.773	ug/l	99
18) Methyl Acetate	2.703	43	133119	60.115	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	261609	64.260	ug/l	96
20) Methylene Chloride	2.782	84	77520	58.941	ug/l	86
21) trans-1,2-Dichloroethene	3.087	96	64039	52.481	ug/l	87
22) Diisopropyl ether	3.757	45	210401	61.712	ug/l #	90
23) Vinyl Acetate	3.721	43	778935	298.138	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	128157	59.942	ug/l	98
25) 2-Butanone	4.556	43	291670	329.372	ug/l #	88
26) 2,2-Dichloropropane	4.471	77	89582	46.917	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	84706	58.883	ug/l	88
28) Bromochloromethane	4.897	49	61564	64.459	ug/l #	75
29) Tetrahydrofuran	5.001	42	182090	322.437	ug/l #	82
30) Chloroform	5.093	83	144436	60.181	ug/l	99
31) Cyclohexane	5.464	56	64762	38.312	ug/l #	86
32) 1,1,1-Trichloroethane	5.379	97	115926	53.901	ug/l	97
36) 1,1-Dichloropropene	5.690	75	80518	40.828	ug/l	97
37) Ethyl Acetate	4.715	43	103462	51.358	ug/l #	93
38) Carbon Tetrachloride	5.672	117	92622	43.236	ug/l	97
39) Methylcyclohexane	7.379	83	69544	33.564	ug/l	91
40) Benzene	6.037	78	284708	50.337	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	60268	57.549	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	119289	53.781	ug/l	95
43) Isopropyl Acetate	6.342	43	171730	53.694	ug/l #	92
44) Trichloroethene	7.123	130	74511	46.459	ug/l	98
45) 1,2-Dichloropropane	7.427	63	74622	53.508	ug/l	99
46) Dibromomethane	7.580	93	60072	54.678	ug/l	94
47) Bromodichloromethane	7.824	83	115009	54.654	ug/l	96
48) Methyl methacrylate	7.690	41	87905	56.359	ug/l #	87
49) 1,4-Dioxane	7.659	88	56366	1341.836	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	573546	295.323	ug/l	91
52) Toluene	8.720	92	185998	49.771	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	123693	55.205	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	127122	52.502	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	88002	57.831	ug/l	97
56) Ethyl methacrylate	9.116	69	138460	58.090	ug/l	87
57) 1,3-Dichloropropane	9.305	76	143124	55.794	ug/l	100
59) 2-Hexanone	9.433	43	455652	307.706	ug/l	88
60) Dibromochloromethane	9.519	129	94985	58.627	ug/l	98
61) 1,2-Dibromoethane	9.610	107	93189	55.933	ug/l	99
64) Tetrachloroethene	9.275	164	51414	34.643	ug/l	96
65) Chlorobenzene	10.079	112	209149	48.642	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	83658	52.716	ug/l	99
67) Ethyl Benzene	10.195	91	349528	46.197	ug/l	98
68) m/p-Xylenes	10.299	106	272969	93.425	ug/l	98
69) o-Xylene	10.640	106	142771	49.527	ug/l	100
70) Styrene	10.652	104	244083	51.403	ug/l	98
71) Bromoform	10.799	173	70267	59.194	ug/l #	99
73) Isopropylbenzene	10.963	105	337699	43.545	ug/l	99
74) N-amyl acetate	10.841	43	156406	51.904	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	146617	56.137	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	122182m	53.771	ug/l	
77) Bromobenzene	11.195	156	93918	49.587	ug/l	94
78) n-propylbenzene	11.305	91	376388	43.586	ug/l	99
79) 2-Chlorotoluene	11.366	91	258985	46.931	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	303207	46.869	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	43226	53.133	ug/l	88
82) 4-Chlorotoluene	11.451	91	299486	47.014	ug/l	97
83) tert-Butylbenzene	11.713	119	299339	48.518	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	313228	47.908	ug/l	97
85) sec-Butylbenzene	11.890	105	328657	45.606	ug/l	99
86) p-Isopropyltoluene	12.006	119	290632	46.849	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	171045	48.236	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	176221	48.100	ug/l	99
89) n-Butylbenzene	12.329	91	226124	43.965	ug/l	100
90) Hexachloroethane	12.536	117	54583	52.715	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	180853	52.084	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35264	58.109	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	98699	48.579	ug/l	97
94) Hexachlorobutadiene	13.725	225	31040	39.546	ug/l	98
95) Naphthalene	13.774	128	408974	45.953	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	102279	50.670	ug/l	99

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

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

