

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082223\
 Data File : VX037169.D
 Acq On : 22 Aug 2023 21:57
 Operator : JC/MD
 Sample : 04024-18MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT149I1-20230815MSD

Quant Time: Aug 23 01:51:04 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 08/23/2023
 Supervised By :Semsettin Yesilyurt 08/23/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	41004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	95529	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57128	96.639	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 193.280%#			
35) Dibromofluoromethane	5.391	113	40814	64.511	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 129.020%#			
50) Toluene-d8	8.647	98	122530	53.392	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.780%			
62) 4-Bromofluorobenzene	11.079	95	57875	64.172	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 128.340%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	16031	33.657	ug/l	94
3) Chloromethane	1.294	50	29160	69.978	ug/l	96
4) Vinyl Chloride	1.374	62	21116	46.554	ug/l	99
5) Bromomethane	1.617	94	21998	97.365	ug/l	96
6) Chloroethane	1.691	64	17586	65.887	ug/l	97
7) Trichlorofluoromethane	1.892	101	29758	40.051	ug/l	94
8) Diethyl Ether	2.136	74	28814	100.238	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	14293	32.975	ug/l	95
10) Methyl Iodide	2.453	142	41491	78.759	ug/l	94
11) Tert butyl alcohol	3.014	59	101499	731.950	ug/l	98
12) 1,1-Dichloroethene	2.325	96	19124	45.307	ug/l	83
13) Acrolein	2.245	56	38352	363.555	ug/l	100
14) Allyl chloride	2.666	41	46431	71.068	ug/l	92
15) Acrylonitrile	3.068	53	165938	670.438	ug/l	99
16) Acetone	2.398	43	166398	719.521	ug/l	92
17) Carbon Disulfide	2.514	76	49245	45.867	ug/l	97
18) Methyl Acetate	2.709	43	82156	94.351	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	161067	100.614	ug/l	99
20) Methylene Chloride	2.788	84	42877	82.907	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	28076	58.513	ug/l	87
22) Diisopropyl ether	3.757	45	117208	87.426	ug/l #	95
23) Vinyl Acetate	3.721	43	375524	365.524	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	59943	71.300	ug/l	97
25) 2-Butanone	4.568	43	236132	678.128	ug/l #	88
26) 2,2-Dichloropropane	4.471	77	13993	18.637	ug/l #	76
27) cis-1,2-Dichloroethene	4.495	96	43448	76.809	ug/l	82
28) Bromochloromethane	4.897	49	37283	99.272	ug/l #	75
29) Tetrahydrofuran	5.013	42	144799	652.058	ug/l #	83
30) Chloroform	5.092	83	73414	77.790	ug/l	100
31) Cyclohexane	5.470	56	23941	36.018	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	44253	52.326	ug/l	97
36) 1,1-Dichloropropene	5.696	75	32326	35.964	ug/l	98
37) Ethyl Acetate	4.714	43	61835	67.346	ug/l #	94
38) Carbon Tetrachloride	5.684	117	33892	34.711	ug/l	96
39) Methylcyclohexane	7.379	83	24842	26.305	ug/l	91
40) Benzene	6.044	78	136126	52.805	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43262	90.636	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	71098	70.329	ug/l	96
43) Isopropyl Acetate	6.342	43	101183	69.412	ug/l #	92
44) Trichloroethene	7.129	130	32126	43.949	ug/l	95
45) 1,2-Dichloropropane	7.434	63	40089	63.070	ug/l	100
46) Dibromomethane	7.580	93	37171	74.232	ug/l	94
47) Bromodichloromethane	7.824	83	64120	66.854	ug/l	98
48) Methyl methacrylate	7.696	41	58286	81.989	ug/l #	88
49) 1,4-Dioxane	7.726	88	47977	2505.883	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	404607	457.097	ug/l	92
52) Toluene	8.720	92	87785	51.539	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	62972	61.664	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	62815	56.920	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	52458	75.635	ug/l	98
56) Ethyl methacrylate	9.116	69	83568	76.924	ug/l	88
57) 1,3-Dichloropropane	9.311	76	85963	73.524	ug/l	99
59) 2-Hexanone	9.433	43	326199	483.316	ug/l	90
60) Dibromochloromethane	9.518	129	54671	74.036	ug/l	99
61) 1,2-Dibromoethane	9.610	107	57993	76.371	ug/l	100
64) Tetrachloroethene	9.275	164	21029	27.591	ug/l	99
65) Chlorobenzene	10.079	112	108193	48.997	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	43593	53.489	ug/l	99
67) Ethyl Benzene	10.195	91	159176	40.966	ug/l	100
68) m/p-Xylenes	10.299	106	124514	82.981	ug/l	99
69) o-Xylene	10.640	106	69077	46.661	ug/l	99
70) Styrene	10.659	104	124960	51.242	ug/l	98
71) Bromoform	10.799	173	41058	67.350	ug/l #	99
73) Isopropylbenzene	10.963	105	142264	35.085	ug/l	99
74) N-amyl acetate	10.841	43	72348	45.919	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	88517	64.820	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	75697m	63.714	ug/l	
77) Bromobenzene	11.195	156	50227	50.719	ug/l	93
78) n-propylbenzene	11.305	91	159974	35.430	ug/l	99
79) 2-Chlorotoluene	11.366	91	122512	42.460	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	133307	39.411	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	19558	45.979	ug/l	90
82) 4-Chlorotoluene	11.451	91	144933	43.514	ug/l	98
83) tert-Butylbenzene	11.713	119	126213	39.125	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	146556	42.871	ug/l	98
85) sec-Butylbenzene	11.890	105	128309	34.053	ug/l	99
86) p-Isopropyltoluene	12.006	119	117004	36.072	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	86717	46.771	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	92469	48.273	ug/l	99
89) n-Butylbenzene	12.329	91	90934	33.814	ug/l	99
90) Hexachloroethane	12.536	117	22250	41.098	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	95641	52.679	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24750	78.001	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	57440	54.071	ug/l	96
94) Hexachlorobutadiene	13.725	225	11069	26.972	ug/l	98
95) Naphthalene	13.774	128	267882	57.568	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	60084	56.929	ug/l	98

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

