

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082223\
 Data File : VX037151.D
 Acq On : 22 Aug 2023 13:42
 Operator : JC/MD
 Sample : VX0822WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBS01

Quant Time: Aug 22 15:38:39 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	5.550	168	161695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	277399	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	112481	48.252	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.500%		
35) Dibromofluoromethane	5.385	113	90821	49.436	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.880%		
50) Toluene-d8	8.647	98	333301	50.015	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.020%		
62) 4-Bromofluorobenzene	11.079	95	136801	52.237	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36411	19.385	ug/l	99
3) Chloromethane	1.300	50	36912	22.463	ug/l	99
4) Vinyl Chloride	1.374	62	35492	19.843	ug/l	93
5) Bromomethane	1.605	94	23747	26.654	ug/l	98
6) Chloroethane	1.685	64	30914	29.371	ug/l	96
7) Trichlorofluoromethane	1.886	101	59098	20.170	ug/l	96
8) Diethyl Ether	2.136	74	21368	18.850	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	31226	18.269	ug/l	98
10) Methyl Iodide	2.453	142	40719	19.601	ug/l	95
11) Tert butyl alcohol	2.959	59	44934	82.172	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	31329	18.822	ug/l	86
13) Acrolein	2.233	56	22068	53.049	ug/l	97
14) Allyl chloride	2.666	41	48123	18.679	ug/l #	94
15) Acrylonitrile	3.062	53	89257	91.450	ug/l	99
16) Acetone	2.380	43	77621	85.115	ug/l	90
17) Carbon Disulfide	2.514	76	78180	18.465	ug/l	99
18) Methyl Acetate	2.703	43	60585	17.644	ug/l #	89
19) Methyl tert-butyl Ether	3.117	73	117447	18.605	ug/l	98
20) Methylene Chloride	2.788	84	37280	18.280	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	35152	18.578	ug/l	91
22) Diisopropyl ether	3.763	45	99030	18.732	ug/l #	86
23) Vinyl Acetate	3.721	43	380432	93.904	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	62836	18.954	ug/l	97
25) 2-Butanone	4.556	43	118175	86.062	ug/l #	89
26) 2,2-Dichloropropane	4.477	77	48737	16.461	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	41694	18.691	ug/l	89
28) Bromochloromethane	4.897	49	30586	20.652	ug/l #	78
29) Tetrahydrofuran	5.007	42	75013	85.662	ug/l #	83
30) Chloroform	5.093	83	69064	18.558	ug/l	97
31) Cyclohexane	5.477	56	47680	18.190	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	63744	19.114	ug/l	97
36) 1,1-Dichloropropene	5.690	75	48788	18.692	ug/l	96
37) Ethyl Acetate	4.715	43	47412	17.783	ug/l #	94
38) Carbon Tetrachloride	5.678	117	55854	19.700	ug/l	96
39) Methylcyclohexane	7.379	83	49902	18.197	ug/l	90
40) Benzene	6.037	78	141665	18.925	ug/l	99

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41) Methacrylonitrile	4.916	41	25105	18.113	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	55974	19.067	ug/l	96
43) Isopropyl Acetate	6.342	43	78584	18.565	ug/l #	93
44) Trichloroethene	7.129	130	39229	18.481	ug/l	98
45) 1,2-Dichloropropane	7.434	63	35257	19.102	ug/l	98
46) Dibromomethane	7.580	93	27792	19.113	ug/l	94
47) Bromodichloromethane	7.824	83	53444	19.189	ug/l	98
48) Methyl methacrylate	7.696	41	38338	18.572	ug/l #	86
49) 1,4-Dioxane	7.659	88	18644	335.349	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	238031	92.606	ug/l	91
52) Toluene	8.720	92	94886	19.184	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	56092	18.915	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	59988	18.720	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	38603	19.167	ug/l	95
56) Ethyl methacrylate	9.116	69	60869	19.295	ug/l	87
57) 1,3-Dichloropropane	9.311	76	64835	19.097	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	149548	98.785	ug/l	93
59) 2-Hexanone	9.433	43	182560	93.150	ug/l	90
60) Dibromochloromethane	9.519	129	41365	19.291	ug/l	100
61) 1,2-Dibromoethane	9.610	107	42065	19.077	ug/l	99
64) Tetrachloroethene	9.275	164	31391	16.722	ug/l	98
65) Chlorobenzene	10.079	112	104149	19.149	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	38841	19.350	ug/l	99
67) Ethyl Benzene	10.195	91	185521	19.385	ug/l	99
68) m/p-Xylenes	10.299	106	142842	38.650	ug/l	100
69) o-Xylene	10.640	106	70463	19.325	ug/l	100
70) Styrene	10.652	104	117218	19.516	ug/l	98
71) Bromoform	10.799	173	29153	19.416	ug/l #	100
73) Isopropylbenzene	10.963	105	185292	18.665	ug/l	99
74) N-amyl acetate	10.841	43	70438	18.261	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	61105	18.278	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	56419m	19.397	ug/l	
77) Bromobenzene	11.195	156	45089	18.598	ug/l	92
78) n-propylbenzene	11.305	91	211522	19.136	ug/l	99
79) 2-Chlorotoluene	11.366	91	131488	18.614	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	156425	18.890	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	16805	16.137	ug/l	92
82) 4-Chlorotoluene	11.457	91	154030	18.890	ug/l	99
83) tert-Butylbenzene	11.713	119	152043	19.252	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	157828	18.858	ug/l	98
85) sec-Butylbenzene	11.890	105	181920	19.721	ug/l	99
86) p-Isopropyltoluene	12.006	119	154361	19.439	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	84749	18.671	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	86606	18.468	ug/l	98
89) n-Butylbenzene	12.329	91	130141	19.767	ug/l	99
90) Hexachloroethane	12.536	117	26761	20.191	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	84849	19.090	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14398	18.535	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	50544	19.435	ug/l	98
94) Hexachlorobutadiene	13.725	225	19191	19.101	ug/l	97
95) Naphthalene	13.774	128	191697	16.827	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	50746	19.640	ug/l	99

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

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