

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081123\
 Data File : VX036931.D
 Acq On : 11 Aug 2023 11:13
 Operator : JC/MD
 Sample : VX0811WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01

Quant Time: Aug 11 22:54:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/14/2023
 Supervised By : Mahesh Dadoda 08/15/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	139677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	240191	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94003	45.484	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.960%		
35) Dibromofluoromethane	5.385	113	79546	48.182	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.360%		
50) Toluene-d8	8.647	98	260558	44.505	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.000%#		
62) 4-Bromofluorobenzene	11.079	95	105149	47.604	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	35846	19.427	ug/l	99
3) Chloromethane	1.300	50	28354	16.895	ug/l	96
4) Vinyl Chloride	1.374	62	31935	18.690	ug/l	99
5) Bromomethane	1.599	94	19963	19.569	ug/l	99
6) Chloroethane	1.684	64	20689	24.905	ug/l	97
7) Trichlorofluoromethane	1.886	101	58497	22.169	ug/l	99
8) Diethyl Ether	2.136	74	20464	20.046	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	32767	20.669	ug/l	98
10) Methyl Iodide	2.453	142	36666	22.268	ug/l	94
11) Tert butyl alcohol	2.959	59	42616	87.098	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	30795	19.689	ug/l	86
13) Acrolein	2.239	56	29765	106.595	ug/l	100
14) Allyl chloride	2.666	41	49839	16.182	ug/l #	96
15) Acrylonitrile	3.062	53	88870	90.317	ug/l	99
16) Acetone	2.379	43	82487	96.182	ug/l #	89
17) Carbon Disulfide	2.514	76	73463	17.019	ug/l	99
18) Methyl Acetate	2.703	43	63002	17.463	ug/l #	90
19) Methyl tert-butyl Ether	3.117	73	114392	19.463	ug/l	96
20) Methylene Chloride	2.788	84	35047	18.375	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	33871	19.377	ug/l	90
22) Diisopropyl ether	3.763	45	102158	17.470	ug/l	85
23) Vinyl Acetate	3.721	43	390771	87.117	ug/l #	95
24) 1,1-Dichloroethane	3.611	63	61288	18.693	ug/l	96
25) 2-Butanone	4.556	43	123180	88.528	ug/l	90
26) 2,2-Dichloropropane	4.477	77	59706	19.327	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	40755	19.630	ug/l	91
28) Bromochloromethane	4.897	49	30302	19.110	ug/l	83
29) Tetrahydrofuran	5.007	42	76151	84.888	ug/l #	86
30) Chloroform	5.092	83	66857	19.932	ug/l	93
31) Cyclohexane	5.470	56	49835	17.415	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	61588	20.039	ug/l	98
36) 1,1-Dichloropropene	5.696	75	47591	19.340	ug/l	98
37) Ethyl Acetate	4.714	43	46925	16.848	ug/l #	94
38) Carbon Tetrachloride	5.678	117	52712	20.149	ug/l	97
39) Methylcyclohexane	7.379	83	53666	17.539	ug/l	95
40) Benzene	6.037	78	139871	19.537	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	26067	17.499	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	53500	20.439	ug/l	96
43) Isopropyl Acetate	6.342	43	80691	16.831	ug/l	95
44) Trichloroethene	7.129	130	38543	20.596	ug/l	93
45) 1,2-Dichloropropane	7.427	63	35393	18.516	ug/l	97
46) Dibromomethane	7.580	93	26818	20.047	ug/l	96
47) Bromodichloromethane	7.824	83	52468	19.107	ug/l	99
48) Methyl methacrylate	7.696	41	37799	16.953	ug/l #	87
49) 1,4-Dioxane	7.659	88	17178	381.379	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	239723	90.355	ug/l	94
52) Toluene	8.720	92	90411	20.154	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	56601	18.237	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	60181	18.376	ug/l	89
55) 1,1,2-Trichloroethane	9.153	97	37985	20.144	ug/l	95
56) Ethyl methacrylate	9.116	69	57076	18.588	ug/l	92
57) 1,3-Dichloropropane	9.311	76	62723	19.971	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	140728	93.014	ug/l	95
59) 2-Hexanone	9.427	43	181618	92.236	ug/l	92
60) Dibromochloromethane	9.518	129	39265	18.945	ug/l	99
61) 1,2-Dibromoethane	9.610	107	39091	20.002	ug/l	98
64) Tetrachloroethene	9.275	164	33919	21.115	ug/l	95
65) Chlorobenzene	10.079	112	95625	20.143	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	36836	20.075	ug/l	100
67) Ethyl Benzene	10.195	91	171413	19.765	ug/l	99
68) m/p-Xylenes	10.299	106	132013	40.798	ug/l	99
69) o-Xylene	10.640	106	64445	19.953	ug/l	99
70) Styrene	10.652	104	105350	19.770	ug/l	99
71) Bromoform	10.799	173	27176	18.296	ug/l #	100
73) Isopropylbenzene	10.963	105	169377	19.369	ug/l	97
74) N-amyl acetate	10.841	43	65401	16.038	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	53969	18.273	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	46737m	18.805	ug/l	
77) Bromobenzene	11.195	156	39761	19.966	ug/l	95
78) n-propylbenzene	11.305	91	191860	18.971	ug/l	100
79) 2-Chlorotoluene	11.366	91	117484	19.171	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	141402	19.329	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	16244	14.814	ug/l	91
82) 4-Chlorotoluene	11.451	91	135237	19.368	ug/l	99
83) tert-Butylbenzene	11.713	119	134124	18.663	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	140408	19.192	ug/l	97
85) sec-Butylbenzene	11.890	105	162552	18.137	ug/l	98
86) p-Isopropyltoluene	12.006	119	137052	18.584	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	73220	19.851	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	74232	20.280	ug/l	99
89) n-Butylbenzene	12.329	91	115063	17.429	ug/l	99
90) Hexachloroethane	12.536	117	23077	15.435	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	72764	20.443	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12197	17.771	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	41762	19.044	ug/l	97
94) Hexachlorobutadiene	13.725	225	17158	18.913	ug/l	98
95) Naphthalene	13.774	128	149104	19.512	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	41457	19.181	ug/l	98

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

