

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113023\
 Data File : VX039063.D
 Acq On : 30 Nov 2023 13:08
 Operator : JC/MD
 Sample : VX1130WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/01/2023
 Supervised By : Mahesh Dadoda 12/01/2023

Quant Time: Dec 01 01:56:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	124673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232237	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100127	49.841	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.680%		
35) Dibromofluoromethane	5.385	113	81283	48.461	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.920%		
50) Toluene-d8	8.647	98	304108	47.389	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.780%		
62) 4-Bromofluorobenzene	11.079	95	119273	46.430	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31785	21.850	ug/l	99
3) Chloromethane	1.294	50	38176	20.106	ug/l	99
4) Vinyl Chloride	1.374	62	38570	21.089	ug/l	96
5) Bromomethane	1.605	94	25548	33.785	ug/l	97
6) Chloroethane	1.691	64	24041	23.033	ug/l	99
7) Trichlorofluoromethane	1.892	101	50911	21.936	ug/l	99
8) Diethyl Ether	2.130	74	20121	19.905	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	31015	20.151	ug/l	98
10) Methyl Iodide	2.453	142	34947	18.655	ug/l	91
11) Tert butyl alcohol	2.947	59	48989	87.677	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	31588	20.328	ug/l	93
13) Acrolein	2.233	56	23744	80.322	ug/l	98
14) Allyl chloride	2.666	41	61939	19.909	ug/l	92
15) Acrylonitrile	3.056	53	114019	96.576	ug/l	99
16) Acetone	2.373	43	110901	103.702	ug/l	94
17) Carbon Disulfide	2.514	76	92004	19.114	ug/l	100
18) Methyl Acetate	2.697	43	99280	19.545	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	111869	20.469	ug/l	99
20) Methylene Chloride	2.788	84	36719	19.047	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	34250	19.976	ug/l	94
22) Diisopropyl ether	3.757	45	119403	20.921	ug/l	96
23) Vinyl Acetate	3.721	43	440480	107.160	ug/l	100
24) 1,1-Dichloroethane	3.611	63	63906	20.023	ug/l	99
25) 2-Butanone	4.550	43	168592	97.215	ug/l	96
26) 2,2-Dichloropropane	4.471	77	54864	19.817	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	41577	20.804	ug/l	94
28) Bromochloromethane	4.891	49	28339	18.494	ug/l #	16
29) Tetrahydrofuran	5.001	42	111291	101.070	ug/l	99
30) Chloroform	5.092	83	63879	20.497	ug/l	97
31) Cyclohexane	5.470	56	60898	21.232	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	54824	20.309	ug/l	99
36) 1,1-Dichloropropene	5.690	75	48509	20.179	ug/l	98
37) Ethyl Acetate	4.708	43	62135	19.839	ug/l	99
38) Carbon Tetrachloride	5.678	117	46228	20.807	ug/l	96
39) Methylcyclohexane	7.379	83	61654	19.662	ug/l	96
40) Benzene	6.037	78	147542	20.751	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	33064	20.355	ug/l	94
42) 1,2-Dichloroethane	6.086	62	51413	21.825	ug/l	97
43) Isopropyl Acetate	6.336	43	98488	19.677	ug/l	99
44) Trichloroethene	7.123	130	36423	21.046	ug/l	95
45) 1,2-Dichloropropane	7.427	63	39155	20.464	ug/l	96
46) Dibromomethane	7.580	93	26156	20.499	ug/l	98
47) Bromodichloromethane	7.818	83	50746	20.038	ug/l	98
48) Methyl methacrylate	7.690	41	57981	23.875	ug/l	94
49) 1,4-Dioxane	7.659	88	16127	343.253	ug/l #	96
51) 4-Methyl-2-Pentanone	8.567	43	327239	102.305	ug/l	100
52) Toluene	8.720	92	91824	20.812	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	57442	19.086	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	61157	19.673	ug/l	93
55) 1,1,2-Trichloroethane	9.147	97	36151	19.637	ug/l	93
56) Ethyl methacrylate	9.116	69	45754	14.689	ug/l	98
57) 1,3-Dichloropropane	9.305	76	63799	20.954	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	128254	88.387	ug/l	96
59) 2-Hexanone	9.427	43	260949	101.782	ug/l	98
60) Dibromochloromethane	9.519	129	37440	20.001	ug/l	99
61) 1,2-Dibromoethane	9.604	107	39164	20.273	ug/l	99
64) Tetrachloroethene	9.275	164	28998	21.594	ug/l	98
65) Chlorobenzene	10.079	112	95112	20.438	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	33574	20.056	ug/l	96
67) Ethyl Benzene	10.195	91	178766	20.908	ug/l	100
68) m/p-Xylenes	10.299	106	132071	40.834	ug/l	98
69) o-Xylene	10.640	106	62567	19.550	ug/l	95
70) Styrene	10.652	104	93608	17.319	ug/l	99
71) Bromoform	10.799	173	25475	18.255	ug/l #	99
73) Isopropylbenzene	10.963	105	172260	20.340	ug/l	100
74) N-amyl acetate	10.841	43	81678	18.244	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	63376	19.170	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	53099m	19.579	ug/l	
77) Bromobenzene	11.195	156	38444	20.202	ug/l	99
78) n-propylbenzene	11.305	91	204964	19.662	ug/l	97
79) 2-Chlorotoluene	11.366	91	120174	19.425	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	144210	20.251	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	20006	16.363	ug/l	87
82) 4-Chlorotoluene	11.451	91	141587	19.848	ug/l	100
83) tert-Butylbenzene	11.713	119	136669	19.487	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	144644	20.068	ug/l	100
85) sec-Butylbenzene	11.890	105	174128	18.982	ug/l	98
86) p-Isopropyltoluene	12.006	119	145610	19.773	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	73405	19.698	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	73229	19.200	ug/l	98
89) n-Butylbenzene	12.329	91	143612	19.329	ug/l	97
90) Hexachloroethane	12.536	117	25690	17.469	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	70828	20.039	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14079	17.382	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	44693	18.870	ug/l	98
94) Hexachlorobutadiene	13.725	225	16192	19.305	ug/l	97
95) Naphthalene	13.774	128	164189	18.613	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	44249	19.708	ug/l	99

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

