

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113023\
 Data File : VX039064.D
 Acq On : 30 Nov 2023 13:41
 Operator : JC/MD
 Sample : VX1130WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Dec 01 01:57:04 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	5.544	168	122814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	221385	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	204241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	96703	48.866	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.740%		
35) Dibromofluoromethane	5.379	113	77872	48.704	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.400%		
50) Toluene-d8	8.647	98	291755	47.692	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.380%		
62) 4-Bromofluorobenzene	11.079	95	114267	46.661	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31216	21.783	ug/l	100
3) Chloromethane	1.295	50	36114	19.308	ug/l	97
4) Vinyl Chloride	1.374	62	36040	20.004	ug/l	97
5) Bromomethane	1.605	94	25313	33.981	ug/l	100
6) Chloroethane	1.685	64	22328	21.716	ug/l	98
7) Trichlorofluoromethane	1.886	101	49772	21.770	ug/l	96
8) Diethyl Ether	2.130	74	19985	20.070	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	30919	20.393	ug/l	98
10) Methyl Iodide	2.453	142	34748	18.830	ug/l	91
11) Tert butyl alcohol	2.947	59	50218	91.238	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	30296	19.792	ug/l	94
13) Acrolein	2.233	56	23345	80.168	ug/l	98
14) Allyl chloride	2.660	41	58544	19.102	ug/l	94
15) Acrylonitrile	3.056	53	114919	98.811	ug/l	99
16) Acetone	2.367	43	111732	106.060	ug/l	94
17) Carbon Disulfide	2.514	76	88557	18.677	ug/l	99
18) Methyl Acetate	2.697	43	93635	18.712	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	111082	20.632	ug/l	95
20) Methylene Chloride	2.788	84	36736	19.344	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	33858	20.046	ug/l	98
22) Diisopropyl ether	3.757	45	117461	20.892	ug/l	88
23) Vinyl Acetate	3.715	43	447577	110.534	ug/l	99
24) 1,1-Dichloroethane	3.605	63	62051	19.736	ug/l	98
25) 2-Butanone	4.544	43	168948	98.895	ug/l	97
26) 2,2-Dichloropropane	4.471	77	52505	19.252	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	38526	19.569	ug/l	97
28) Bromochloromethane	4.891	49	27756	18.387	ug/l	97
29) Tetrahydrofuran	4.995	42	109513	100.961	ug/l	98
30) Chloroform	5.087	83	62268	20.282	ug/l	95
31) Cyclohexane	5.464	56	57437	20.328	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	53117	19.975	ug/l	100
36) 1,1-Dichloropropene	5.690	75	48612	21.213	ug/l	100
37) Ethyl Acetate	4.702	43	61806	20.701	ug/l	98
38) Carbon Tetrachloride	5.678	117	44575	21.046	ug/l	99
39) Methylcyclohexane	7.379	83	62495	20.907	ug/l	94
40) Benzene	6.031	78	141220	20.836	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	32271	20.841	ug/l	92
42) 1,2-Dichloroethane	6.080	62	49764	22.161	ug/l	98
43) Isopropyl Acetate	6.330	43	98064	20.552	ug/l	99
44) Trichloroethene	7.123	130	35449	21.487	ug/l	96
45) 1,2-Dichloropropane	7.428	63	39021	21.393	ug/l	99
46) Dibromomethane	7.580	93	26144	21.494	ug/l	96
47) Bromodichloromethane	7.818	83	49119	20.346	ug/l	98
48) Methyl methacrylate	7.690	41	56796	24.533	ug/l	94
49) 1,4-Dioxane	7.653	88	16887	377.048	ug/l #	96
51) 4-Methyl-2-Pentanone	8.568	43	324408	106.391	ug/l	100
52) Toluene	8.714	92	87621	20.832	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	56421	19.666	ug/l	95
54) cis-1,3-Dichloropropene	8.360	75	59099	19.943	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	36140	20.593	ug/l	96
56) Ethyl methacrylate	9.110	69	44481	14.980	ug/l	99
57) 1,3-Dichloropropane	9.305	76	62334	21.476	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	127079	91.870	ug/l	96
59) 2-Hexanone	9.427	43	257351	105.299	ug/l	98
60) Dibromochloromethane	9.519	129	35774	20.048	ug/l	99
61) 1,2-Dibromoethane	9.610	107	39280	21.330	ug/l	100
64) Tetrachloroethene	9.269	164	27888	21.967	ug/l	90
65) Chlorobenzene	10.079	112	92629	21.054	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	32839	20.750	ug/l	98
67) Ethyl Benzene	10.189	91	172592	21.352	ug/l	99
68) m/p-Xylenes	10.299	106	129028	42.198	ug/l	98
69) o-Xylene	10.640	106	61882	20.453	ug/l	99
70) Styrene	10.653	104	91527	17.912	ug/l	98
71) Bromoform	10.799	173	25067	19.000	ug/l #	100
73) Isopropylbenzene	10.964	105	164994	20.504	ug/l	100
74) N-amyl acetate	10.842	43	81754	19.219	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	61833	19.684	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	52007m	20.183	ug/l	
77) Bromobenzene	11.195	156	36734	20.316	ug/l	96
78) n-propylbenzene	11.305	91	202598	20.454	ug/l	97
79) 2-Chlorotoluene	11.360	91	115991	19.732	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	141654	20.936	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	20146	17.342	ug/l #	83
82) 4-Chlorotoluene	11.451	91	137783	20.329	ug/l	99
83) tert-Butylbenzene	11.713	119	134788	20.228	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	141797	20.706	ug/l	100
85) sec-Butylbenzene	11.890	105	169352	19.430	ug/l	99
86) p-Isopropyltoluene	12.006	119	142299	20.337	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	71115	20.085	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	72702	20.062	ug/l	98
89) n-Butylbenzene	12.329	91	141359	20.024	ug/l	97
90) Hexachloroethane	12.536	117	25411	18.186	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	68483	20.392	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14488	18.825	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	44519	19.783	ug/l	99
94) Hexachlorobutadiene	13.725	225	16161	20.279	ug/l	97
95) Naphthalene	13.774	128	164371	19.611	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	44063	20.655	ug/l	99

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

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