

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030123\
 Data File : VX034293.D
 Acq On : 01 Mar 2023 16:56
 Operator : JC/MD
 Sample : VX0301WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/02/2023
 Supervised By :Mahesh Dadoda 03/02/2023

Quant Time: Mar 02 00:44:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	289487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	481132	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	427039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	212708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	181098	46.451	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.900%		
35) Dibromofluoromethane	5.385	113	155616	49.676	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.360%		
50) Toluene-d8	8.647	98	556978	49.521	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.040%		
62) 4-Bromofluorobenzene	11.079	95	210108	48.838	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50175	20.058	ug/l	97
3) Chloromethane	1.301	50	79620	22.118	ug/l	98
4) Vinyl Chloride	1.374	62	78089	23.820	ug/l	100
5) Bromomethane	1.605	94	45755	34.821	ug/l	99
6) Chloroethane	1.685	64	43974	26.681	ug/l	97
7) Trichlorofluoromethane	1.886	101	109065	24.590	ug/l	96
8) Diethyl Ether	2.130	74	42972	24.049	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	54258	17.371	ug/l	95
10) Methyl Iodide	2.453	142	76125	20.017	ug/l	93
11) Tert butyl alcohol	2.953	59	84800	97.248	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	60247	19.241	ug/l	94
13) Acrolein	2.233	56	81726	205.316	ug/l	99
14) Allyl chloride	2.660	41	117485	17.689	ug/l	90
15) Acrylonitrile	3.062	53	189086	99.400	ug/l	99
16) Acetone	2.373	43	156039	77.587	ug/l	91
17) Carbon Disulfide	2.508	76	166089	18.450	ug/l	99
18) Methyl Acetate	2.703	43	123001	19.766	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	215860	19.533	ug/l	99
20) Methylene Chloride	2.788	84	70005	19.319	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	65301	19.903	ug/l	93
22) Diisopropyl ether	3.757	45	238400	20.474	ug/l	97
23) Vinyl Acetate	3.721	43	938280	100.575	ug/l	100
24) 1,1-Dichloroethane	3.605	63	123867	19.377	ug/l	100
25) 2-Butanone	4.550	43	268920	92.414	ug/l	99
26) 2,2-Dichloropropane	4.471	77	93089	16.075	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	77400	19.922	ug/l	97
28) Bromochloromethane	4.897	49	56950	19.971	ug/l	92
29) Tetrahydrofuran	5.001	42	176762	99.573	ug/l	100
30) Chloroform	5.093	83	121392	19.776	ug/l	99
31) Cyclohexane	5.471	56	99715	17.131	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	104911	19.066	ug/l	99
36) 1,1-Dichloropropene	5.690	75	86580	18.688	ug/l	100
37) Ethyl Acetate	4.708	43	105602	20.396	ug/l	100
38) Carbon Tetrachloride	5.678	117	88265	18.515	ug/l	96
39) Methylcyclohexane	7.379	83	99936	16.762	ug/l	100
40) Benzene	6.037	78	279526	20.360	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	58871	20.407	ug/l	98
42) 1,2-Dichloroethane	6.086	62	95886	19.858	ug/l	100
43) Isopropyl Acetate	6.336	43	178128	19.496	ug/l	99
44) Trichloroethene	7.123	130	70818	20.100	ug/l	97
45) 1,2-Dichloropropane	7.427	63	73291	20.053	ug/l	99
46) Dibromomethane	7.580	93	50253	20.892	ug/l	88
47) Bromodichloromethane	7.818	83	96163	19.481	ug/l	98
48) Methyl methacrylate	7.690	41	84880	19.573	ug/l	96
49) 1,4-Dioxane	7.659	88	37935	438.558	ug/l #	97
51) 4-Methyl-2-Pentanone	8.568	43	541204	107.662	ug/l	98
52) Toluene	8.714	92	172885	20.782	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	106140	18.680	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	115364	18.965	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	71058	21.162	ug/l	97
56) Ethyl methacrylate	9.116	69	114935	20.233	ug/l	97
57) 1,3-Dichloropropane	9.305	76	122121	20.903	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	247596	100.620	ug/l	96
59) 2-Hexanone	9.427	43	405466	105.837	ug/l	98
60) Dibromochloromethane	9.519	129	75667	20.394	ug/l	100
61) 1,2-Dibromoethane	9.610	107	74703	21.036	ug/l	98
64) Tetrachloroethene	9.275	164	58314	19.348	ug/l	96
65) Chlorobenzene	10.079	112	183717	20.639	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	68172	19.783	ug/l	96
67) Ethyl Benzene	10.195	91	316968	19.820	ug/l	99
68) m/p-Xylenes	10.299	106	247459	40.434	ug/l	96
69) o-Xylene	10.640	106	123220	20.224	ug/l	95
70) Styrene	10.653	104	204465	20.634	ug/l	97
71) Bromoform	10.799	173	55782	19.831	ug/l #	100
73) Isopropylbenzene	10.963	105	306249	18.891	ug/l	100
74) N-amyl acetate	10.841	43	162070	19.900	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	110682	19.962	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	89642m	16.748	ug/l	
77) Bromobenzene	11.195	156	79496	20.377	ug/l	89
78) n-propylbenzene	11.305	91	350165	18.573	ug/l	98
79) 2-Chlorotoluene	11.366	91	218484	18.899	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	260314	19.099	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	35363	16.973	ug/l	91
82) 4-Chlorotoluene	11.451	91	250808	19.048	ug/l	97
83) tert-Butylbenzene	11.713	119	258848	18.543	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	261191	18.953	ug/l	98
85) sec-Butylbenzene	11.890	105	311545	18.379	ug/l	98
86) p-Isopropyltoluene	12.006	119	263327	18.770	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	146849	20.071	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	147566	19.997	ug/l	97
89) n-Butylbenzene	12.335	91	222978	17.845	ug/l	98
90) Hexachloroethane	12.536	117	50658	17.270	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	146300	20.438	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23103	17.473	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	88205	19.193	ug/l	98
94) Hexachlorobutadiene	13.725	225	32817	17.225	ug/l	98
95) Naphthalene	13.774	128	307658	19.872	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	89556	19.628	ug/l	98

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

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