

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032123\
 Data File : VX034648.D
 Acq On : 21 Mar 2023 12:24
 Operator : JC/MD
 Sample : VX0321WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2023
 Supervised By :Mahesh Dadoda 03/22/2023

Quant Time: Mar 22 02:01:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	259310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	438045	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	443058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	226895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	187800	49.782	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.560%		
35) Dibromofluoromethane	5.379	113	142872	49.399	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.800%		
50) Toluene-d8	8.647	98	512565	47.474	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.940%		
62) 4-Bromofluorobenzene	11.079	95	233031	53.435	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53636	22.187	ug/l	99
3) Chloromethane	1.300	50	72130	18.880	ug/l	100
4) Vinyl Chloride	1.374	62	66694	20.262	ug/l	100
5) Bromomethane	1.599	94	47044	28.326	ug/l	97
6) Chloroethane	1.685	64	44022	23.228	ug/l	99
7) Trichlorofluoromethane	1.886	101	109936	22.227	ug/l	98
8) Diethyl Ether	2.130	74	39735	22.007	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	58163	20.178	ug/l	98
10) Methyl Iodide	2.453	142	77066	20.364	ug/l	96
11) Tert butyl alcohol	2.946	59	71074	90.473	ug/l	99
12) 1,1-Dichloroethene	2.319	96	55707	19.624	ug/l	95
13) Acrolein	2.233	56	51196	82.379	ug/l	99
14) Allyl chloride	2.660	41	106860	18.568	ug/l	96
15) Acrylonitrile	3.056	53	170647	100.558	ug/l	99
16) Acetone	2.373	43	156434	88.032	ug/l	97
17) Carbon Disulfide	2.508	76	137984	17.272	ug/l	99
18) Methyl Acetate	2.697	43	124619	21.462	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	206618	20.328	ug/l	96
20) Methylene Chloride	2.788	84	68723	19.927	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	59429	19.713	ug/l	93
22) Diisopropyl ether	3.757	45	223541	20.372	ug/l	93
23) Vinyl Acetate	3.715	43	823891	98.657	ug/l	100
24) 1,1-Dichloroethane	3.605	63	116188	19.698	ug/l	99
25) 2-Butanone	4.550	43	244085	95.996	ug/l	100
26) 2,2-Dichloropropane	4.471	77	92780	18.096	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	72085	19.863	ug/l	98
28) Bromochloromethane	4.891	49	56991	20.780	ug/l	99
29) Tetrahydrofuran	4.995	42	157743	100.540	ug/l	100
30) Chloroform	5.086	83	118728	20.534	ug/l	98
31) Cyclohexane	5.464	56	107478	20.315	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	100993	19.731	ug/l	99
36) 1,1-Dichloropropene	5.690	75	88133	19.840	ug/l	98
37) Ethyl Acetate	4.708	43	94695	19.513	ug/l	99
38) Carbon Tetrachloride	5.672	117	83532	18.902	ug/l	98
39) Methylcyclohexane	7.379	83	104811	19.716	ug/l	97
40) Benzene	6.031	78	256641	19.749	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	52364	19.689	ug/l	99
42) 1,2-Dichloroethane	6.080	62	101408	21.233	ug/l	100
43) Isopropyl Acetate	6.336	43	162549	19.772	ug/l	99
44) Trichloroethene	7.123	130	65956	19.534	ug/l	98
45) 1,2-Dichloropropane	7.427	63	67962	20.029	ug/l	99
46) Dibromomethane	7.580	93	46690	20.240	ug/l	99
47) Bromodichloromethane	7.818	83	87396	19.576	ug/l	99
48) Methyl methacrylate	7.690	41	79414	20.084	ug/l	98
49) 1,4-Dioxane	7.653	88	34775	418.729	ug/l	97
51) 4-Methyl-2-Pentanone	8.567	43	490537	102.854	ug/l	99
52) Toluene	8.714	92	161330	20.052	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	92949	18.480	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	104459	19.196	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	66623	20.866	ug/l	96
56) Ethyl methacrylate	9.116	69	103889	19.817	ug/l	98
57) 1,3-Dichloropropane	9.305	76	130271	22.956	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	241024	89.211	ug/l	99
59) 2-Hexanone	9.427	43	412747	111.956	ug/l	100
60) Dibromochloromethane	9.518	129	73785	22.034	ug/l	97
61) 1,2-Dibromoethane	9.610	107	78104	22.668	ug/l	98
64) Tetrachloroethene	9.275	164	61507	20.666	ug/l	97
65) Chlorobenzene	10.079	112	192071	19.758	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	69823	19.721	ug/l	98
67) Ethyl Benzene	10.195	91	357342	20.533	ug/l	99
68) m/p-Xylenes	10.299	106	262949	39.333	ug/l	97
69) o-Xylene	10.640	106	130935	19.517	ug/l	97
70) Styrene	10.652	104	212385	19.622	ug/l	99
71) Bromoform	10.799	173	47200	17.319	ug/l #	99
73) Isopropylbenzene	10.963	105	355219	20.256	ug/l	99
74) N-amyl acetate	10.841	43	159481	18.987	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	110613	18.902	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	93841m	18.012	ug/l	
77) Bromobenzene	11.195	156	81995	19.489	ug/l	99
78) n-propylbenzene	11.305	91	405750	20.035	ug/l	99
79) 2-Chlorotoluene	11.366	91	241388	19.299	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	305457	20.767	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	28805	14.958	ug/l #	84
82) 4-Chlorotoluene	11.451	91	298594	20.725	ug/l	99
83) tert-Butylbenzene	11.713	119	289069	19.492	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	307374	20.447	ug/l	98
85) sec-Butylbenzene	11.890	105	364947	20.129	ug/l	98
86) p-Isopropyltoluene	12.012	119	307998	20.213	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	160192	19.432	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	162842	19.536	ug/l	99
89) n-Butylbenzene	12.335	91	258887	19.112	ug/l	98
90) Hexachloroethane	12.536	117	42540	15.088	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	153903	19.318	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21549	16.208	ug/l	100
93) 1,2,4-Trichlorobenzene	13.591	180	85438	17.150	ug/l	97
94) Hexachlorobutadiene	13.725	225	35414	17.645	ug/l	99
95) Naphthalene	13.774	128	300456	17.985	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	86365	17.735	ug/l	99

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

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