

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
 Data File : VX034665.D
 Acq On : 22 Mar 2023 12:01
 Operator : JC/MD
 Sample : VX0322WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Mar 23 07:52:26 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	275678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	458029	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	460200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	205306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	193303	48.199	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.400%
35) Dibromofluoromethane	5.379	113	148939	49.250	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.500%
50) Toluene-d8	8.647	98	607971	53.854	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.700%
62) 4-Bromofluorobenzene	11.079	95	211120	46.298	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	52973	20.612	ug/l	100
3) Chloromethane	1.307	50	72268	17.715	ug/l	97
4) Vinyl Chloride	1.374	62	69515	19.865	ug/l	99
5) Bromomethane	1.599	94	46132	26.128	ug/l	97
6) Chloroethane	1.685	64	43193	21.437	ug/l	100
7) Trichlorofluoromethane	1.886	101	111358	21.178	ug/l	99
8) Diethyl Ether	2.130	74	39735	20.701	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	58816	19.193	ug/l	100
10) Methyl Iodide	2.453	142	69000	17.150	ug/l	97
11) Tert butyl alcohol	2.953	59	73598	88.123	ug/l	98
12) 1,1-Dichloroethene	2.319	96	56128	18.598	ug/l	95
13) Acrolein	2.233	56	51015	77.214	ug/l	99
14) Allyl chloride	2.660	41	107786	17.617	ug/l	97
15) Acrylonitrile	3.056	53	177241	98.242	ug/l	100
16) Acetone	2.373	43	158651	83.979	ug/l	99
17) Carbon Disulfide	2.508	76	135485	15.952	ug/l	100
18) Methyl Acetate	2.703	43	129299	20.946	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	204881	18.961	ug/l	100
20) Methylene Chloride	2.788	84	67341	18.367	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	61532	19.198	ug/l	98
22) Diisopropyl ether	3.757	45	224912	19.280	ug/l	95
23) Vinyl Acetate	3.715	43	828464	93.315	ug/l	98
24) 1,1-Dichloroethane	3.605	63	117461	18.731	ug/l	99
25) 2-Butanone	4.550	43	248019	91.752	ug/l	95
26) 2,2-Dichloropropane	4.465	77	89797	16.474	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	71876	18.629	ug/l	99
28) Bromochloromethane	4.897	49	61357	21.043	ug/l	100
29) Tetrahydrofuran	4.995	42	163064	97.760	ug/l	100
30) Chloroform	5.086	83	118448	19.270	ug/l	98
31) Cyclohexane	5.471	56	107348	19.085	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	101969	18.739	ug/l	99
36) 1,1-Dichloropropene	5.690	75	88370	19.025	ug/l	99
37) Ethyl Acetate	4.708	43	97366	19.188	ug/l	98
38) Carbon Tetrachloride	5.678	117	82658	17.888	ug/l	98
39) Methylcyclohexane	7.379	83	108325	19.488	ug/l	96
40) Benzene	6.037	78	260757	19.190	ug/l	100

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 Kesilyurt

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	53226	19.140	ug/l	98
42) 1,2-Dichloroethane	6.086	62	100567	20.138	ug/l	100
43) Isopropyl Acetate	6.336	43	164067	19.086	ug/l	100
44) Trichloroethene	7.117	130	67006	18.979	ug/l	98
45) 1,2-Dichloropropane	7.427	63	69252	19.519	ug/l	98
46) Dibromomethane	7.580	93	51879	21.508	ug/l	99
47) Bromodichloromethane	7.818	83	100825	21.598	ug/l	98
48) Methyl methacrylate	7.690	41	91215	22.063	ug/l	97
49) 1,4-Dioxane	7.653	88	40824	470.118	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	564023	113.103	ug/l	100
52) Toluene	8.714	92	187851	22.330	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	108283	20.589	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	120458	21.170	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	76738	22.985	ug/l	98
56) Ethyl methacrylate	9.116	69	120327	21.951	ug/l	98
57) 1,3-Dichloropropane	9.305	76	133161	22.442	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	267439	94.669	ug/l	99
59) 2-Hexanone	9.427	43	424749	110.185	ug/l	100
60) Dibromochloromethane	9.519	129	74200	21.191	ug/l	98
61) 1,2-Dibromoethane	9.610	107	78872	21.892	ug/l	100
64) Tetrachloroethene	9.275	164	62962	20.367	ug/l	96
65) Chlorobenzene	10.079	112	191633	18.979	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	65386	17.780	ug/l	98
67) Ethyl Benzene	10.195	91	315453	17.451	ug/l	98
68) m/p-Xylenes	10.299	106	239290	34.461	ug/l	99
69) o-Xylene	10.640	106	119981	17.218	ug/l	99
70) Styrene	10.652	104	191629	17.045	ug/l	99
71) Bromoform	10.799	173	40937	14.461	ug/l #	98
73) Isopropylbenzene	10.963	105	305258	19.238	ug/l	100
74) N-amyl acetate	10.841	43	145791	19.183	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	107478	20.298	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	83522m	17.718	ug/l	
77) Bromobenzene	11.195	156	73762	19.375	ug/l	97
78) n-propylbenzene	11.305	91	356019	19.428	ug/l	100
79) 2-Chlorotoluene	11.366	91	219032	19.353	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	259706	19.513	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26121	14.990	ug/l	87
82) 4-Chlorotoluene	11.451	91	250034	19.180	ug/l	100
83) tert-Butylbenzene	11.713	119	249395	18.585	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	259423	19.072	ug/l	98
85) sec-Butylbenzene	11.890	105	311243	18.972	ug/l	100
86) p-Isopropyltoluene	12.012	119	260958	18.927	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	137569	18.443	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	142020	18.830	ug/l	99
89) n-Butylbenzene	12.335	91	227843	18.589	ug/l	98
90) Hexachloroethane	12.536	117	40383	15.829	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	140003	19.422	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20755	17.253	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	83466	18.515	ug/l	98
94) Hexachlorobutadiene	13.725	225	32079	17.664	ug/l	98
95) Naphthalene	13.774	128	296948	19.644	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	84469	19.169	ug/l	98

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

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