

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW024992.D
 Acq On : 15 Mar 2022 12:24
 Operator : SY/MD
 Sample : VSTD00521
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005221

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/16/2022
 Supervised By : Mahesh Dadoda 03/16/2022

Quant Time: Mar 16 02:56:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 02:55:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	216104	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	198777	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	95273	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	83443	4.891	ug/L	0.00
7) Chloroethane-d5	1.568	69	62317	4.988	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	137121	4.973	ug/L	0.00
20) 2-Butanone-d5	3.899	46	100717m	55.744	ug/L	0.00
24) Chloroform-d	4.349	84	139190	4.919	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	58220	4.921	ug/L	0.00
32) Benzene-d6	5.050	84	290725	5.042	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	81722	4.929	ug/L	0.00
41) Toluene-d8	7.314	98	268205	5.104	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	30305	5.243	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	105357	53.435	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	50187	5.145	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	79729	4.943	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.131	85	96658	5.062	ug/L	100
3) Chloromethane	1.243	50	88470	4.913	ug/L	100
5) Vinyl chloride	1.311	62	94817	4.990	ug/L	100
6) Bromomethane	1.523	94	61564	5.014	ug/L	100
8) Chloroethane	1.587	64	56966	4.945	ug/L	100
9) Trichlorofluoromethane	1.754	101	128379	4.968	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	71244	5.084	ug/L	100
12) 1,1-Dichloroethene	2.121	96	69069	5.017	ug/L	100
13) Acetone	2.192	43	64203m	53.555	ug/L	
14) Carbon disulfide	2.294	76	247199	5.018	ug/L	100
15) Methyl Acetate	2.442	43	16589	4.140	ug/L	100
16) Methylene chloride	2.510	84	79906	4.790	ug/L	100
17) Methyl tert-butyl Ether	2.770	73	149369	4.981	ug/L	100
18) trans-1,2-Dichloroethene	2.761	96	83984	5.069	ug/L	100
19) 1,1-Dichloroethane	3.192	63	141223	5.008	ug/L	100
21) 2-Butanone	3.982	43	113447m	58.058	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	85742	5.126	ug/L	100
23) Bromochloromethane	4.253	128	33390	5.063	ug/L	100
25) Chloroform	4.378	83	146903	5.004	ug/L	100
27) 1,2-Dichloroethane	5.134	62	71848	4.922	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	129909	5.125	ug/L	100
30) Cyclohexane	4.677	56	126571	5.132	ug/L	100
31) Carbon tetrachloride	4.828	117	111428	5.124	ug/L	100
33) Benzene	5.101	78	330729	5.115	ug/L	100
34) Trichloroethene	5.915	95	88319	5.130	ug/L	100
35) Methylcyclohexane	6.130	83	142706	5.237	ug/L	100
37) 1,2-Dichloropropane	6.172	63	76157	5.126	ug/L	100
38) Bromodichloromethane	6.510	83	95834	5.100	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	107309	5.202	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	325379	53.221	ug/L	100
42) Toluene	7.388	91	354648	5.241	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	85341	5.257	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	51533	5.193	ug/L	100
47) Tetrachloroethene	7.976	164	61203	5.054	ug/L	100
48) 2-Hexanone	8.140	43	231071	53.312	ug/L	100
49) Dibromochloromethane	8.246	129	57930	5.215	ug/L	100
50) 1,2-Dibromoethane	8.352	107	46979	5.173	ug/L	100
51) Chlorobenzene	8.879	112	216368	5.107	ug/L	100
52) Ethylbenzene	9.011	91	373642	5.220	ug/L	100
53) m,p-xylene	9.137	106	144748	5.251	ug/L	100
54) o-xylene	9.542	106	139092	5.277	ug/L	100
55) Styrene	9.558	104	230545	5.370	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	51986	5.343	ug/L	100
59) Bromoform	9.731	173	26107	5.088	ug/L	100
60) Isopropylbenzene	9.931	105	370738	5.160	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	39713	4.956	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	166771	5.115	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	305062	5.283	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	159685	5.124	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	156485	4.981	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	138770	5.025	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	6820	4.965	ug/L	100
69) 1,3,5-Trichlorobenzene	12.641	180	110084	5.000	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	86407	5.038	ug/L	100
71) Naphthalene	13.500	128	138222	4.853	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	73235	5.039	ug/L	100

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

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