

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025404.D
 Acq On : 08 Apr 2022 12:10
 Operator : SY/MD
 Sample : VSTD00533
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005233

Quant Time: Apr 09 04:22:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 04:20:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	194074	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	192617	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	104465	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	92599	5.102	ug/L	0.00
7) Chloroethane-d5	1.568	69	94405	5.951	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	178415	4.611	ug/L	0.00
20) 2-Butanone-d5	3.886	46	115774	60.764	ug/L	0.00
24) Chloroform-d	4.349	84	140109	5.746	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	61365	5.734	ug/L	0.00
32) Benzene-d6	5.053	84	286818	5.754	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	80254	5.733	ug/L	0.00
41) Toluene-d8	7.317	98	268262	5.877	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	26747	5.865	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	94638	58.021	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	49081	5.346	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	90055	5.312	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	73743	4.057	ug/L	100
3) Chloromethane	1.243	50	81711	3.812	ug/L	100
5) Vinyl chloride	1.314	62	90858	3.793	ug/L	100
6) Bromomethane	1.523	94	62911	4.316	ug/L	100
8) Chloroethane	1.587	64	65493	4.267	ug/L	100
9) Trichlorofluoromethane	1.754	101	125423	3.883	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	70182	3.647	ug/L	100
12) 1,1-Dichloroethene	2.121	96	69229	3.784	ug/L	100
13) Acetone	2.172	43	60942	44.678	ug/L	100
14) Carbon disulfide	2.298	76	169053	4.388	ug/L	100
15) Methyl Acetate	2.439	43	13719	4.464	ug/L	100
16) Methylene chloride	2.510	84	61004	4.121	ug/L	100
17) Methyl tert-butyl Ether	2.770	73	105420	4.442	ug/L	100
18) trans-1,2-Dichloroethene	2.764	96	58566	4.385	ug/L	100
19) 1,1-Dichloroethane	3.191	63	99155	4.432	ug/L	100
21) 2-Butanone	3.970	43	85035	46.211	ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	63824	4.621	ug/L	100
23) Bromochloromethane	4.252	128	25823	4.562	ug/L	100
25) Chloroform	4.378	83	106525	4.308	ug/L	100
27) 1,2-Dichloroethane	5.133	62	55673	4.346	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	91833	4.188	ug/L	100
30) Cyclohexane	4.680	56	83941	4.255	ug/L	100
31) Carbon tetrachloride	4.831	117	77943	4.120	ug/L	100
33) Benzene	5.101	78	236210	4.401	ug/L	100
34) Trichloroethene	5.915	95	63254	4.280	ug/L	100
35) Methylcyclohexane	6.130	83	95981	4.169	ug/L	100
37) 1,2-Dichloropropane	6.175	63	53414	4.286	ug/L	100
38) Bromodichloromethane	6.513	83	66974	4.253	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	69665	4.328	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	219532	43.945	ug/L	100
42) Toluene	7.387	91	257489	4.509	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	54622	4.303	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	36383	4.289	ug/L	100
47) Tetrachloroethene	7.976	164	48053	4.432	ug/L	100
48) 2-Hexanone	8.140	43	157993	44.529	ug/L	100
49) Dibromochloromethane	8.246	129	39930	4.350	ug/L	100
50) 1,2-Dibromoethane	8.352	107	34544	4.342	ug/L	100
51) Chlorobenzene	8.879	112	160597	4.340	ug/L	100
52) Ethylbenzene	9.011	91	267830	4.419	ug/L	100
53) m,p-Xylene	9.140	106	104025	4.407	ug/L	100
54) o-Xylene	9.542	106	100219	4.459	ug/L	100
55) Styrene	9.561	104	167509	4.539	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	36038	4.103	ug/L	100
59) Bromoform	9.731	173	17072	4.228	ug/L	100
60) Isopropylbenzene	9.931	105	264198	4.085	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	27976	3.811	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	116035	3.978	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	212505	4.111	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	121738	4.010	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	124426	4.065	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	107684	4.036	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	4760	3.607	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	89530	4.055	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	69533	4.162	ug/L	100
71) Naphthalene	13.500	128	100781	3.897	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	57664	4.023	ug/L	100

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

