

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026269.D
 Acq On : 15 Jun 2022 11:10
 Operator : SY/MD
 Sample : VSTD01070
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010270

Quant Time: Jun 16 01:02:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 01:00:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	226541	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	214568	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	116185	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	194878	7.140	ug/L	0.00
7) Chloroethane-d5	1.574	69	150009	6.989	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.114	63	336766	7.540	ug/L	0.00
20) 2-Butanone-d5	3.909	46	213234	98.844	ug/L	0.00
24) Chloroform-d	4.355	84	299348	7.700	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	122727	7.762	ug/L	0.00
32) Benzene-d6	5.053	84	622611	8.117	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	176519	7.939	ug/L	0.00
41) Toluene-d8	7.317	98	595660	8.717	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	58684	8.641	ug/L	0.00
46) 2-Hexanone-d5	8.092	63	204247	97.331	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	108831	8.071	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	180559	7.505	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.137	85	173445	8.336	ug/L	99
3) Chloromethane	1.246	50	186784	8.403	ug/L	98
5) Vinyl chloride	1.317	62	197985	8.437	ug/L	98
6) Bromomethane	1.529	94	112000	8.206	ug/L	100
8) Chloroethane	1.593	64	121101	8.280	ug/L	97
9) Trichlorofluoromethane	1.761	101	275452	8.590	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	160098	8.769	ug/L	99
12) 1,1-Dichloroethene	2.124	96	146048	8.463	ug/L	93
13) Acetone	2.201	43	150546	110.020	ug/L	100
14) Carbon disulfide	2.301	76	372857	8.530	ug/L	98
15) Methyl Acetate	2.449	43	39389	10.377	ug/L	92
16) Methylene chloride	2.513	84	150975	8.349	ug/L	99
17) Methyl tert-butyl Ether	2.780	73	277476	9.715	ug/L	99
18) trans-1,2-Dichloroethene	2.767	96	144602	8.721	ug/L	98
19) 1,1-Dichloroethane	3.195	63	277573	8.721	ug/L	99
21) 2-Butanone	3.992	43	223700	121.136	ug/L	98
22) cis-1,2-Dichloroethene	3.918	96	153248	9.194	ug/L	99
23) Bromochloromethane	4.256	128	65278	9.280	ug/L	96
25) Chloroform	4.381	83	295110	8.864	ug/L	97
27) 1,2-Dichloroethane	5.134	62	140243	9.011	ug/L	99
29) 1,1,1-Trichloroethane	4.613	97	251932	8.985	ug/L	100
30) Cyclohexane	4.683	56	208596	9.695	ug/L	98
31) Carbon tetrachloride	4.831	117	210532	9.220	ug/L	98
33) Benzene	5.105	78	610315	9.516	ug/L	100
34) Trichloroethene	5.915	95	156985	8.965	ug/L	99
35) Methylcyclohexane	6.133	83	240503	10.112	ug/L	97
37) 1,2-Dichloropropane	6.175	63	154133	9.117	ug/L	98
38) Bromodichloromethane	6.513	83	184896	9.216	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	192430	10.182	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	649903	106.528	ug/L	97
42) Toluene	7.387	91	670260	9.814	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	154286	10.399	ug/L	97

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

45) 1,1,2-Trichloroethane	7.838	97	101191	9.490	ug/L	96
47) Tetrachloroethene	7.976	164	119591	9.434	ug/L	99
48) 2-Hexanone	8.140	43	448893	104.794	ug/L	98
49) Dibromochloromethane	8.246	129	114629	9.831	ug/L	97
50) 1,2-Dibromoethane	8.352	107	87818	9.679	ug/L	97
51) Chlorobenzene	8.879	112	416624	9.458	ug/L	100
52) Ethylbenzene	9.011	91	697420	10.240	ug/L	100
53) m,p-Xylene	9.137	106	278303	10.643	ug/L	99
54) o-Xylene	9.542	106	264230	10.394	ug/L	98
55) Styrene	9.558	104	464779	11.104	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	105109	9.777	ug/L	97
59) Bromoform	9.731	173	52693	9.316	ug/L	99
60) Isopropylbenzene	9.931	105	713103	9.439	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	77965	8.730	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	576012	9.628	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	579380	9.860	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	328177	9.056	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	328505	9.088	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	292357	9.025	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	13997	9.010	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	232190	9.011	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	175783	9.438	ug/L	99
71) Naphthalene	13.500	128	251387	9.672	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	149596	9.724	ug/L	99

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

