

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050322\
 Data File : VW025786.D
 Acq On : 03 May 2022 11:46
 Operator : SY/MD
 Sample : VSTD00539
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005239

Quant Time: May 03 12:17:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 03 12:14:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	173958	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	176778	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	98486	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	104431	6.132	ug/L	0.00
7) Chloroethane-d5	1.571	69	90684	5.197	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	189246	5.637	ug/L	0.00
20) 2-Butanone-d5	3.895	46	143421	67.464	ug/L	0.00
24) Chloroform-d	4.349	84	159218	6.175	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	70277	6.308	ug/L	0.00
32) Benzene-d6	5.050	84	320946	6.004	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	92602	6.164	ug/L	0.00
41) Toluene-d8	7.313	98	292489	5.931	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	28977	5.828	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	118687	65.571	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	56824	5.992	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	93187	5.532	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	92520	5.517	ug/L	99
3) Chloromethane	1.243	50	109164	5.897	ug/L	97
5) Vinyl chloride	1.314	62	108491	5.324	ug/L	100
6) Bromomethane	1.526	94	58375	4.172	ug/L	98
8) Chloroethane	1.587	64	68616	4.487	ug/L	96
9) Trichlorofluoromethane	1.757	101	140975	4.991	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	76392	4.845	ug/L	98
12) 1,1-Dichloroethene	2.121	96	73884	4.748	ug/L	97
13) Acetone	2.191	43	73823	52.280	ug/L	97
14) Carbon disulfide	2.297	76	199266	5.240	ug/L	100
15) Methyl Acetate	2.445	43	17278	5.456	ug/L	93
16) Methylene chloride	2.510	84	67380	4.451	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	113691	4.715	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	66233	5.020	ug/L	94
19) 1,1-Dichloroethane	3.191	63	120920	5.328	ug/L	98
21) 2-Butanone	3.982	43	107094	54.402	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	68448	4.974	ug/L	93
23) Bromochloromethane	4.252	128	28557	4.973	ug/L	95
25) Chloroform	4.378	83	125018	5.256	ug/L	97
27) 1,2-Dichloroethane	5.133	62	68148	5.385	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	110208	5.035	ug/L	98
30) Cyclohexane	4.680	56	96157	4.876	ug/L	98
31) Carbon tetrachloride	4.831	117	91840	4.979	ug/L	99
33) Benzene	5.101	78	278981	5.100	ug/L	100
34) Trichloroethene	5.915	95	69812	4.870	ug/L	98
35) Methylcyclohexane	6.130	83	109162	4.753	ug/L	96
37) 1,2-Dichloropropane	6.175	63	66870	5.226	ug/L	100
38) Bromodichloromethane	6.509	83	80829	5.125	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	78343	4.775	ug/L	97
40) 4-Methyl-2-pentanone	7.226	43	285053	55.121	ug/L	94
42) Toluene	7.387	91	295194	4.990	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	65262	5.057	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	42523	5.029	ug/L	96
47) Tetrachloroethene	7.972	164	54560	4.840	ug/L	98
48) 2-Hexanone	8.140	43	207517	57.308	ug/L	94
49) Dibromochloromethane	8.246	129	45953	4.966	ug/L	100
50) 1,2-Dibromoethane	8.352	107	36838	4.720	ug/L	97
51) Chlorobenzene	8.882	112	179384	4.777	ug/L	98
52) Ethylbenzene	9.011	91	294861	4.714	ug/L	99
53) m,p-Xylene	9.136	106	114471	4.811	ug/L	94
54) o-Xylene	9.542	106	110418	4.778	ug/L	97
55) Styrene	9.561	104	192660	5.078	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	44046	5.168	ug/L	99
59) Bromoform	9.731	173	20751	4.881	ug/L	93
60) Isopropylbenzene	9.931	105	293890	4.683	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	33516	4.949	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	120643	4.366	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	229337	4.574	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	134363	4.595	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	135388	4.572	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	118708	4.585	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6512	5.416	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	94924	4.301	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	71541	4.226	ug/L	99
71) Naphthalene	13.500	128	100306	4.062	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	60253	4.287	ug/L	98

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

