

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071122\
 Data File : VW026713.D
 Acq On : 11 Jul 2022 20:45
 Operator : SY/MD
 Sample : VSTD01004
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010204

Quant Time: Jul 12 05:24:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 12 05:17:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	242189	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	238455	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	129769	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	216295	10.404	ug/L	0.00
7) Chloroethane-d5	1.561	69	191349	10.351	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.102	63	428702	10.586	ug/L	0.00
20) 2-Butanone-d5	3.905	46	397182	119.876	ug/L	-0.02
24) Chloroform-d	4.343	84	394502	10.718	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	174113	10.784	ug/L	0.00
32) Benzene-d6	5.044	84	769406	11.157	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	223254	10.743	ug/L	0.00
41) Toluene-d8	7.310	98	717618	11.670	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	74698	11.108	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	374722	126.507	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	176435	10.955	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	233001	10.734	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	319633	11.573	ug/L	99
3) Chloromethane	1.237	50	300454	10.496	ug/L	100
5) Vinyl chloride	1.304	62	319009	11.389	ug/L	99
6) Bromomethane	1.513	94	186039	11.188	ug/L	98
8) Chloroethane	1.577	64	185592	11.039	ug/L	98
9) Trichlorofluoromethane	1.745	101	403402	11.023	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	229523	11.053	ug/L	98
12) 1,1-Dichloroethene	2.108	96	220928	10.915	ug/L	90
13) Acetone	2.208	43	248855	85.218	ug/L #	44
14) Carbon disulfide	2.285	76	669091	11.642	ug/L	99
15) Methyl Acetate	2.442	43	69412	12.136	ug/L	99
16) Methylene chloride	2.500	84	219329	8.775	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	405485	11.418	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	213762	11.296	ug/L	95
19) 1,1-Dichloroethane	3.182	63	376006	10.859	ug/L	99
21) 2-Butanone	3.989	43	410178	124.300	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	214833	11.532	ug/L	100
23) Bromochloromethane	4.243	128	97389	11.136	ug/L	97
25) Chloroform	4.368	83	398562	10.912	ug/L	99
27) 1,2-Dichloroethane	5.127	62	222406	11.309	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	344583	11.035	ug/L	99
30) Cyclohexane	4.671	56	324380	12.565	ug/L	99
31) Carbon tetrachloride	4.822	117	303861	11.019	ug/L	98
33) Benzene	5.092	78	881791	11.634	ug/L	100
34) Trichloroethene	5.908	95	211773	11.314	ug/L	98
35) Methylcyclohexane	6.127	83	353931	12.171	ug/L	99
37) 1,2-Dichloropropane	6.169	63	212734	11.356	ug/L	99
38) Bromodichloromethane	6.506	83	266703	10.876	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	272238	11.974	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	1064057	124.946	ug/L	99
42) Toluene	7.384	91	941553	12.148	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	228793	12.148	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	148291	10.896	ug/L	96
47) Tetrachloroethene	7.973	164	166283	11.306	ug/L	98
48) 2-Hexanone	8.140	43	758580	122.255	ug/L	98
49) Dibromochloromethane	8.243	129	173958	11.231	ug/L	97
50) 1,2-Dibromoethane	8.349	107	135882	11.248	ug/L	96
51) Chlorobenzene	8.879	112	566477	11.399	ug/L	98
52) Ethylbenzene	9.011	91	952826	12.175	ug/L	100
53) m,p-Xylene	9.137	106	380220	12.547	ug/L	100
54) o-Xylene	9.542	106	356300	12.596	ug/L	100
55) Styrene	9.558	104	653105	12.997	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	177683	10.946	ug/L	95
59) Bromoform	9.728	173	85566	10.468	ug/L	97
60) Isopropylbenzene	9.931	105	945805	12.013	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	121507	10.425	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	765154	12.181	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	794283	12.476	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	437830	11.374	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	438305	11.307	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	406710	11.237	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	26318	10.630	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	301563	11.070	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	234179	11.236	ug/L	99
71) Naphthalene	13.500	128	401819	11.630	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	223832	11.621	ug/L	98

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

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