

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029271.D
 Acq On : 22 Nov 2022 18:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005365

Quant Time: Nov 23 01:43:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:38:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	305408	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	265250	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	135240	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	145103	4.981	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.564	69	112775	4.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.105	63	248352	5.005	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	3.908	46	234116	54.441	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.880%
24) Chloroform-d	4.342	84	206222	4.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.027	65	100150	5.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.047	84	454204	5.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	6.066	67	143513	5.252	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.310	98	410181	5.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
43) trans-1,3-Dichloroprop...	7.616	79	48468	5.327	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.600%
46) 2-Hexanone-d5	8.088	63	106587	65.352	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.700%#
56) 1,1,2,2-Tetrachloroeth...	10.207	84	73374	5.402	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	129774	4.974	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	127106	4.983	ug/L	99
3) Chloromethane	1.236	50	164289	4.686	ug/L	99
5) Vinyl chloride	1.307	62	167059	4.966	ug/L	97
6) Bromomethane	1.519	94	90834	4.884	ug/L	97
8) Chloroethane	1.581	64	101728	5.047	ug/L	100
9) Trichlorofluoromethane	1.751	101	185451	4.826	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	113394	4.981	ug/L	99
12) 1,1-Dichloroethene	2.114	96	108829	4.829	ug/L	98
13) Acetone	2.204	43	171373	48.038	ug/L	98
14) Carbon disulfide	2.291	76	311515	4.895	ug/L	100
15) Methyl Acetate	2.442	43	40988	4.420	ug/L	93
16) Methylene chloride	2.503	84	139335	3.927	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	253116	5.113	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	112522	4.914	ug/L	97
19) 1,1-Dichloroethane	3.185	63	230024	4.984	ug/L	100
21) 2-Butanone	3.992	43	288269	51.060	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	126655	5.069	ug/L	99
23) Bromochloromethane	4.246	128	47157	5.050	ug/L	99
25) Chloroform	4.368	83	223185	5.083	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	121686	5.059	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	179858	5.123	ug/L	100
30) Cyclohexane	4.674	56	220793	5.201	ug/L	100
31) Carbon tetrachloride	4.822	117	143458	5.122	ug/L	99
33) Benzene	5.095	78	497075	5.146	ug/L	100
34) Trichloroethene	5.908	95	129611	5.099	ug/L	97
35) Methylcyclohexane	6.127	83	211634	5.151	ug/L	99
37) 1,2-Dichloropropane	6.169	63	128646	5.137	ug/L	100
38) Bromodichloromethane	6.506	83	145984	5.209	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	171883	5.301	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	687430	54.366	ug/L	100
42) Toluene	7.381	91	513564	5.172	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	130826	5.238	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	75441	5.076	ug/L	98
47) Tetrachloroethene	7.969	164	86050	5.155	ug/L	99
48) 2-Hexanone	8.140	43	497059	51.961	ug/L	98
49) Dibromochloromethane	8.239	129	80242	5.166	ug/L	99
50) 1,2-Dibromoethane	8.345	107	67471	5.366	ug/L #	100
51) Chlorobenzene	8.873	112	303536	5.030	ug/L	98
52) Ethylbenzene	9.005	91	548941	5.136	ug/L	99
53) m,p-Xylene	9.130	106	202252	5.098	ug/L	99
54) o-Xylene	9.535	106	199555	5.140	ug/L	100
55) Styrene	9.554	104	344795	5.194	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	73966	5.570	ug/L	98
59) Bromoform	9.725	173	39383	4.964	ug/L	99
60) Isopropylbenzene	9.924	105	536712	4.921	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	65033	5.026	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	459242	4.958	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	459580	4.988	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	228525	4.788	ug/L	97
65) 1,4-Dichlorobenzene	11.262	146	226109	4.836	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	210798	4.875	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	9617	4.949	ug/L	94
69) 1,3,5-Trichlorobenzene	12.635	180	175918	4.733	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	137034	4.750	ug/L	98
71) Naphthalene	13.493	128	37338	3.797	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	112919	4.862	ug/L	99

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

