

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028952.D
 Acq On : 14 Nov 2022 20:50
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005345

Quant Time: Nov 15 00:08:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 00:01:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	290132	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	268887	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	139760	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	75131	4.248	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.568	69	71019	4.567	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.111	63	148761	4.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	3.892	46	174514	58.940	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.880%
24) Chloroform-d	4.346	84	178689	4.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.030	65	77907	4.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.050	84	366795	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.069	67	106586	4.756	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.313	98	338207	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	7.622	79	34248	4.685	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.085	63	162476	52.075	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.160%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	77953	5.017	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	120124	4.804	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	124535	5.149	ug/L	98
3) Chloromethane	1.240	50	101849	5.074	ug/L	98
5) Vinyl chloride	1.310	62	114424	4.998	ug/L	99
6) Bromomethane	1.523	94	66311	4.846	ug/L	99
8) Chloroethane	1.587	64	70291	5.224	ug/L	98
9) Trichlorofluoromethane	1.754	101	161344	5.226	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	92584	5.297	ug/L	98
12) 1,1-Dichloroethene	2.117	96	91093	5.186	ug/L	97
13) Acetone	2.185	43	96583	50.709	ug/L	84
14) Carbon disulfide	2.294	76	318086	5.100	ug/L	100
15) Methyl Acetate	2.439	43	27123	5.868	ug/L	96
16) Methylene chloride	2.506	84	110359	4.859	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	206321	5.479	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	107840	5.294	ug/L	97
19) 1,1-Dichloroethane	3.188	63	172739	5.187	ug/L	98
21) 2-Butanone	3.976	43	166902	56.600	ug/L	84
22) cis-1,2-Dichloroethene	3.908	96	112812	5.447	ug/L	94
23) Bromochloromethane	4.249	128	47011	5.367	ug/L	96
25) Chloroform	4.374	83	184328	5.280	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	95430	5.307	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	160777	5.096	ug/L	98
30) Cyclohexane	4.677	56	162333	5.062	ug/L	99
31) Carbon tetrachloride	4.825	117	139150	5.121	ug/L	100
33) Benzene	5.098	78	424207	5.163	ug/L	100
34) Trichloroethene	5.911	95	109256	5.194	ug/L	99
35) Methylcyclohexane	6.130	83	185887	5.028	ug/L	98
37) 1,2-Dichloropropane	6.172	63	93799	4.950	ug/L	99
38) Bromodichloromethane	6.506	83	123771	5.158	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	134439	5.082	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	428010	52.502	ug/L	98
42) Toluene	7.384	91	460995	5.193	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	105862	5.155	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	69022	5.565	ug/L	96
47) Tetrachloroethene	7.972	164	91564	5.436	ug/L	98
48) 2-Hexanone	8.136	43	291989	51.131	ug/L	97
49) Dibromochloromethane	8.242	129	81430	5.430	ug/L	100
50) 1,2-Dibromoethane	8.349	107	63236	5.488	ug/L	100
51) Chlorobenzene	8.876	112	300062	5.467	ug/L	99
52) Ethylbenzene	9.008	91	499846	5.409	ug/L	100
53) m,p-Xylene	9.133	106	194766	5.299	ug/L	99
54) o-Xylene	9.538	106	191192	5.472	ug/L	99
55) Styrene	9.554	104	326654	5.574	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	77632	5.370	ug/L	98
59) Bromoform	9.725	173	42812	5.619	ug/L	99
60) Isopropylbenzene	9.924	105	511928	5.643	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	51533	5.396	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	411876	5.359	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	414741	5.388	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	229157	5.376	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	232870	5.435	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	206408	5.390	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	9994	5.318	ug/L #	78
69) 1,3,5-Trichlorobenzene	12.635	180	177700	5.404	ug/L	98
70) 1,2,4-trichlorobenzene	13.252	180	137827	5.541	ug/L	99
71) Naphthalene	13.493	128	186165	5.801	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	117975	5.600	ug/L	99

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

