

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VV022856.D
 Acq On : 18 Oct 2021 10:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005314

Quant Time: Oct 19 01:37:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 05:27:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	124935	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	123616	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70332	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	47893	5.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.40%
7) Chloroethane-d5	1.568	69	38164	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.108	63	79109	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.80%
20) 2-Butanone-d5	3.892	46	88942	39.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.92%
24) Chloroform-d	4.346	84	94529	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.030	65	40549	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.047	84	183620	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.066	67	53076	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.313	98	175767	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
43) trans-1,3-Dichloroprop...	7.622	79	17729	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.088	63	71053	48.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.54%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35886	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
66) 1,2-Dichlorobenzene-d4	11.625	152	62467	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	45333	4.98	ug/L	100
3) Chloromethane	1.240	50	49033	5.36	ug/L	99
5) Vinyl chloride	1.310	62	49096	5.19	ug/L	98
6) Bromomethane	1.519	94	29166	4.95	ug/L	99
8) Chloroethane	1.584	64	27527	4.71	ug/L	100
9) Trichlorofluoromethane	1.751	101	68414	4.94	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	39736	4.93	ug/L	94
12) 1,1-Dichloroethene	2.117	96	35541	4.71	ug/L	91
13) Acetone	2.182	43	58597	46.62	ug/L #	47
14) Carbon disulfide	2.291	76	119794	5.65	ug/L	99
15) Methyl Acetate	2.436	43	13640	3.79	ug/L	98
16) Methylene chloride	2.503	84	46256	4.45	ug/L	92
17) Methyl tert-butyl Ether	2.767	73	78812	4.32	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	43092	5.25	ug/L	94
19) 1,1-Dichloroethane	3.185	63	79436	5.37	ug/L	96
21) 2-Butanone	3.976	43	82205	39.95	ug/L #	70
22) cis-1,2-Dichloroethene	3.908	96	44565	5.17	ug/L	100
23) Bromochloromethane	4.246	128	20345	5.31	ug/L	91
25) Chloroform	4.371	83	80295	4.69	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	41400	4.84	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	72513	5.14	ug/L	99
30) Cyclohexane	4.674	56	61622	4.73	ug/L	99
31) Carbon tetrachloride	4.825	117	63243	5.16	ug/L	100
33) Benzene	5.098	78	169140	5.08	ug/L	100
34) Trichloroethene	5.911	95	44079	4.87	ug/L	97
35) Methylcyclohexane	6.127	83	66916	5.28	ug/L	95
37) 1,2-Dichloropropane	6.172	63	40080	5.01	ug/L	100
38) Bromodichloromethane	6.506	83	52059	5.28	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	55309	5.22	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	196621	45.70	ug/L	99
42) Toluene	7.384	91	187187	5.54	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	47529	5.50	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	28022	4.72	ug/L	97
47) Tetrachloroethene	7.972	164	38308	5.23	ug/L	97
48) 2-Hexanone	8.136	43	145440	46.23	ug/L	98
49) Dibromochloromethane	8.246	129	36233	5.21	ug/L	93
50) 1,2-Dibromoethane	8.352	107	26225	4.73	ug/L	99
51) Chlorobenzene	8.879	112	119888	5.40	ug/L	99
52) Ethylbenzene	9.011	91	187026	5.45	ug/L	98
53) m,p-xylene	9.136	106	74465	5.53	ug/L	97
54) o-xylene	9.545	106	69761	5.51	ug/L	95
55) Styrene	9.561	104	124111	5.69	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	32003	5.32	ug/L	98
59) Bromoform	9.731	173	19923	5.06	ug/L	96
60) Isopropylbenzene	9.931	105	191083	5.35	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	21963	4.49	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	152312	5.28	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	160036	5.54	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	100410	5.36	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	101031	5.31	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	90742	5.16	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4733	5.32	ug/L	87
69) 1,3,5-Trichlorobenzene	12.644	180	82090	5.81	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	62937	5.83	ug/L	98
71) Naphthalene	13.503	128	87948	5.13	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	56645	5.57	ug/L	100

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

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