

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102621\
 Data File : VW023051.D
 Acq On : 26 Oct 2021 20:26
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005325

Quant Time: Oct 27 02:29:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 27 01:29:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	137935	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	138581	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73589	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	50671	4.204	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.567	69	36306	4.870	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.108	63	84839	4.879	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.600%
20) 2-Butanone-d5	3.902	46	119444	61.777	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.560%
24) Chloroform-d	4.352	84	93158	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.037	65	48797	5.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.050	84	212064	5.241	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
36) 1,2-Dichloropropane-d6	6.072	67	64681	5.193	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.316	98	202806	5.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.600%
43) trans-1,3-Dichloroprop...	7.625	79	22851	5.236	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.800%
46) 2-Hexanone-d5	8.091	63	88098	54.528	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.060%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46100	5.360	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	70660	5.382	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	43706	4.995	ug/L	98
3) Chloromethane	1.240	50	48377	5.115	ug/L	97
5) Vinyl chloride	1.310	62	47949	4.908	ug/L	99
6) Bromomethane	1.522	94	24501	4.964	ug/L	99
8) Chloroethane	1.584	64	25504	4.993	ug/L	99
9) Trichlorofluoromethane	1.754	101	62094	4.710	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	40646	5.407	ug/L	98
12) 1,1-Dichloroethene	2.117	96	37218	5.270	ug/L	97
13) Acetone	2.198	43	62521	65.908	ug/L	90
14) Carbon disulfide	2.294	76	117664	6.118	ug/L	99
15) Methyl Acetate	2.442	43	15436	4.278	ug/L	94
16) Methylene chloride	2.506	84	54441	7.019	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	89430	5.304	ug/L	94
18) trans-1,2-Dichloroethene	2.760	96	46797	6.207	ug/L	99
19) 1,1-Dichloroethane	3.191	63	86853	6.270	ug/L	97
21) 2-Butanone	3.985	43	94747	51.019	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	47500	5.557	ug/L	# 87
23) Bromochloromethane	4.249	128	21746	5.604	ug/L	87
25) Chloroform	4.378	83	103611	5.661	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	45852	4.750	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	75801	4.841	ug/L	99
30) Cyclohexane	4.680	56	62184	4.548	ug/L	98
31) Carbon tetrachloride	4.831	117	65962	4.895	ug/L	98
33) Benzene	5.101	78	189012	5.068	ug/L	100
34) Trichloroethene	5.918	95	47231	5.041	ug/L	98
35) Methylcyclohexane	6.133	83	67397	5.024	ug/L	97
37) 1,2-Dichloropropane	6.175	63	47399	5.043	ug/L	98
38) Bromodichloromethane	6.513	83	57181	4.932	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	60214	5.145	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	235301	53.174	ug/L	100
42) Toluene	7.390	91	203877	5.395	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	50434	5.209	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	32811	4.990	ug/L	97
47) Tetrachloroethene	7.976	164	39497	4.990	ug/L	98
48) 2-Hexanone	8.143	43	175332	53.375	ug/L	99
49) Dibromochloromethane	8.249	129	39132	5.001	ug/L	97
50) 1,2-Dibromoethane	8.355	107	29302	4.949	ug/L	98
51) Chlorobenzene	8.882	112	128232	5.165	ug/L	99
52) Ethylbenzene	9.014	91	197680	5.270	ug/L	99
53) m,p-xylene	9.140	106	78697	5.232	ug/L	94
54) o-xylene	9.545	106	76051	5.370	ug/L	97
55) Styrene	9.564	104	133231	5.448	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.242	83	35806	4.871	ug/L	100
59) Bromoform	9.734	173	20914	4.877	ug/L	99
60) Isopropylbenzene	9.931	105	199211	5.353	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	26069	5.033	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	154565	5.170	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	159186	5.335	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	103391	5.279	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	101616	5.108	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	95432	5.234	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4897	4.792	ug/L	97
69) 1,3,5-Trichlorobenzene	12.647	180	76889	5.155	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	56551	5.067	ug/L	98
71) Naphthalene	13.503	128	81348	4.794	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	52227	5.041	ug/L	100

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

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