

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021022\
 Data File : VW024569.D
 Acq On : 10 Feb 2022 13:49
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005303

Quant Time: Feb 11 23:50:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 11 04:51:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	127062	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	129720	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	66110	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	48301	4.535	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.568	69	42256	4.693	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.111	63	111573	4.789	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	3.905	46	66576	37.654	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.300%
24) Chloroform-d	4.346	84	91490	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.031	65	41670	4.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.047	84	178092	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.066	67	52616	4.596	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.313	98	165885	4.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	7.622	79	22113	4.783	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.088	63	81604	50.104	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.200%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32425	4.757	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	51393	4.823	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	85441	5.117	ug/L	100
3) Chloromethane	1.240	50	80183	4.881	ug/L	97
5) Vinyl chloride	1.311	62	86609	4.895	ug/L	99
6) Bromomethane	1.523	94	53246	4.889	ug/L	100
8) Chloroethane	1.584	64	54113	4.993	ug/L	98
9) Trichlorofluoromethane	1.754	101	121587	5.085	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	68469	5.136	ug/L #	86
12) 1,1-Dichloroethene	2.118	96	64981	4.939	ug/L	91
13) Acetone	2.201	43	44494	31.888	ug/L	96
14) Carbon disulfide	2.294	76	196324	4.695	ug/L	100
15) Methyl Acetate	2.442	43	14398	3.608	ug/L	100
16) Methylene chloride	2.507	84	59595	4.572	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	131973	4.868	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	63281	4.896	ug/L	95
19) 1,1-Dichloroethane	3.188	63	111730	5.006	ug/L	99
21) 2-Butanone	3.989	43	81309	35.161	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	65229	5.006	ug/L	93
23) Bromochloromethane	4.243	128	25421	5.137	ug/L	87
25) Chloroform	4.371	83	115945	4.963	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	65434	5.108	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	106205	4.991	ug/L	97
30) Cyclohexane	4.674	56	110179	5.026	ug/L	96
31) Carbon tetrachloride	4.825	117	90535	5.023	ug/L	100
33) Benzene	5.095	78	257050	5.077	ug/L	100
34) Trichloroethene	5.912	95	70167	5.033	ug/L	89
35) Methylcyclohexane	6.127	83	117512	5.095	ug/L	98
37) 1,2-Dichloropropane	6.169	63	61640	5.023	ug/L	97
38) Bromodichloromethane	6.506	83	79703	4.887	ug/L #	95
39) cis-1,3-Dichloropropene	7.024	75	95348	5.099	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	318468	50.291	ug/L	98
42) Toluene	7.384	91	274930	4.985	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	76660	4.963	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	39734	4.997	ug/L	94
47) Tetrachloroethene	7.973	164	45408	4.910	ug/L	90
48) 2-Hexanone	8.137	43	223524	51.565	ug/L	99
49) Dibromochloromethane	8.243	129	48086	5.007	ug/L	100
50) 1,2-Dibromoethane	8.349	107	37230	4.988	ug/L #	98
51) Chlorobenzene	8.879	112	167226	4.948	ug/L	93
52) Ethylbenzene	9.008	91	304949	4.969	ug/L	97
53) m,p-xylene	9.137	106	113901	4.900	ug/L	96
54) o-xylene	9.542	106	110972	4.951	ug/L	93
55) Styrene	9.558	104	183598	4.990	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	40361	5.011	ug/L	96
59) Bromoform	9.731	173	21198	5.018	ug/L #	99
60) Isopropylbenzene	9.928	105	303108	5.055	ug/L	98
61) 1,2,3-Trichloropropane	10.272	75	33728	5.175	ug/L	94
62) 1,3,5-Trimethylbenzene	10.535	105	258776	5.040	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	256710	5.029	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	123219	5.048	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	122548	5.055	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	108507	5.008	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6923	5.469	ug/L #	66
69) 1,3,5-Trichlorobenzene	12.644	180	87590	5.044	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	72315	5.157	ug/L	97
71) Naphthalene	13.500	128	128585	5.063	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	60737	5.150	ug/L	98

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

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