

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024051.D
 Acq On : 17 Dec 2021 07:17
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005398

Quant Time: Dec 17 07:45:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	97289	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	99222	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58945	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	24599	4.703	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.565	69	19956	4.573	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.108	63	55001	5.387	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.800%
20) 2-Butanone-d5	3.912	46	38732	37.905	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.800%
24) Chloroform-d	4.349	84	57383	4.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.037	65	26082	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.050	84	101344	5.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	6.072	67	27909	4.707	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.317	98	100693	5.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.800%
43) trans-1,3-Dichloroprop...	7.625	79	11584	4.709	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.092	63	43140	39.178	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.360%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	20755	4.220	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	38872	4.937	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	44230	5.223	ug/L	98
3) Chloromethane	1.240	50	36377	5.028	ug/L	97
5) Vinyl chloride	1.307	62	40789	5.198	ug/L	99
6) Bromomethane	1.520	94	25956	5.205	ug/L	99
8) Chloroethane	1.584	64	26009	5.094	ug/L	97
9) Trichlorofluoromethane	1.751	101	75390	5.529	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	38535	5.366	ug/L	98
12) 1,1-Dichloroethene	2.118	96	35191	5.391	ug/L	93
13) Acetone	2.198	43	33661	41.176	ug/L	90
14) Carbon disulfide	2.291	76	92261	4.873	ug/L	99
15) Methyl Acetate	2.442	43	10089	5.092	ug/L	96
16) Methylene chloride	2.507	84	45487	5.327	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	80574	5.459	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	39076	5.408	ug/L	98
19) 1,1-Dichloroethane	3.188	63	71124	5.485	ug/L	100
21) 2-Butanone	3.995	43	52555	44.994	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	41181	5.384	ug/L	99
23) Bromochloromethane	4.249	128	19215	5.528	ug/L	95
25) Chloroform	4.375	83	79538	5.517	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	43367	5.552	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	74553	5.743	ug/L	99
30) Cyclohexane	4.677	56	52551	5.104	ug/L	100
31) Carbon tetrachloride	4.828	117	66693	5.465	ug/L	99
33) Benzene	5.098	78	159180	5.671	ug/L	100
34) Trichloroethene	5.915	95	42207	5.331	ug/L	99
35) Methylcyclohexane	6.130	83	58153	4.991	ug/L	99
37) 1,2-Dichloropropane	6.172	63	37456	5.614	ug/L	100
38) Bromodichloromethane	6.510	83	53007	5.609	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	47888	4.835	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	188085	58.689	ug/L	97
42) Toluene	7.388	91	177254	5.611	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	43115	5.036	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	27560	5.584	ug/L	97
47) Tetrachloroethene	7.976	164	37537	5.385	ug/L	97
48) 2-Hexanone	8.140	43	135419	58.276	ug/L	98
49) Dibromochloromethane	8.246	129	36804	5.481	ug/L	94
50) 1,2-Dibromoethane	8.355	107	25967	5.667	ug/L	93
51) Chlorobenzene	8.883	112	113549	5.378	ug/L	100
52) Ethylbenzene	9.011	91	183567	5.507	ug/L	99
53) m,p-xylene	9.140	106	72193	5.477	ug/L	100
54) o-xylene	9.545	106	70334	5.518	ug/L	98
55) Styrene	9.561	104	122519	5.774	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	28257	5.228	ug/L	92
59) Bromoform	9.731	173	19012	5.026	ug/L	99
60) Isopropylbenzene	9.931	105	191036	5.520	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	22139	5.513	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	156586	5.454	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	158423	5.539	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	99669	5.631	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	95989	5.400	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	90138	5.559	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4937	5.629	ug/L	83
69) 1,3,5-Trichlorobenzene	12.645	180	75660	5.197	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	57452	5.025	ug/L	98
71) Naphthalene	13.503	128	84639	5.150	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	54196	5.369	ug/L	97

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

