

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029030.D
 Acq On : 16 Nov 2022 20:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005350

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022

Quant Time: Nov 17 02:56:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 02:49:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	273948	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	255091	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	130632	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	81170	4.860	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.200%	
7) Chloroethane-d5	1.568	69	62682	4.269	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.400%	
11) 1,1-Dichloroethene-d2	2.108	63	143592	4.718	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.400%	
20) 2-Butanone-d5	3.892	46	118745m	42.474	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	84.940%	
24) Chloroform-d	4.342	84	172355	5.027	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.600%	
26) 1,2-Dichloroethane-d4	5.031	65	74124	4.805	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
32) Benzene-d6	5.047	84	357928	4.701	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
36) 1,2-Dichloropropane-d6	6.066	67	98591	4.637	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.800%	
41) Toluene-d8	7.310	98	349469	5.099	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.000%	
43) trans-1,3-Dichloroprop...	7.619	79	34377	4.957	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.200%	
46) 2-Hexanone-d5	8.088	63	148052	50.019	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.040%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	76947	5.220	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.400%	
66) 1,2-Dichlorobenzene-d4	11.615	152	124551	5.329	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	115731	5.068	ug/L	98
3) Chloromethane	1.240	50	88815	4.686	ug/L	98
5) Vinyl chloride	1.310	62	101733	4.706	ug/L	95
6) Bromomethane	1.523	94	55437	4.290	ug/L	100
8) Chloroethane	1.584	64	62888	4.950	ug/L	97
9) Trichlorofluoromethane	1.751	101	151896	5.211	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	86209	5.223	ug/L	94
12) 1,1-Dichloroethene	2.117	96	88955	5.364	ug/L	91
13) Acetone	2.182	43	67451m	37.506	ug/L	
14) Carbon disulfide	2.291	76	277432	4.711	ug/L	99
15) Methyl Acetate	2.436	43	19681	4.509	ug/L	96
16) Methylene chloride	2.503	84	102092	4.761	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	186224	5.238	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	101640	5.284	ug/L	96
19) 1,1-Dichloroethane	3.185	63	164223	5.223	ug/L	98
21) 2-Butanone	3.979	43	117397m	42.164	ug/L	
22) cis-1,2-Dichloroethene	3.905	96	107288	5.487	ug/L	94
23) Bromochloromethane	4.243	128	46691	5.646	ug/L	95
25) Chloroform	4.371	83	177854	5.396	ug/L	97

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27) 1,2-Dichloroethane	5.127	62	92238	5.433	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	153882	5.141	ug/L	98
30) Cyclohexane	4.674	56	148421	4.879	ug/L	97
31) Carbon tetrachloride	4.825	117	133440	5.177	ug/L	99
33) Benzene	5.095	78	403115	5.171	ug/L	100
34) Trichloroethene	5.912	95	101691	5.096	ug/L	95
35) Methylcyclohexane	6.127	83	171585	4.892	ug/L	98
37) 1,2-Dichloropropane	6.169	63	89283	4.967	ug/L	99
38) Bromodichloromethane	6.506	83	113192	4.972	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	121884	4.857	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	410723	53.106	ug/L	95
42) Toluene	7.381	91	446365	5.300	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	96689	4.963	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	67321	5.721	ug/L	94
47) Tetrachloroethene	7.969	164	90302	5.651	ug/L	97
48) 2-Hexanone	8.136	43	295304	54.509	ug/L	98
49) Dibromochloromethane	8.239	129	75992	5.341	ug/L	99
50) 1,2-Dibromoethane	8.345	107	62226	5.692	ug/L #	98
51) Chlorobenzene	8.876	112	287178	5.515	ug/L	99
52) Ethylbenzene	9.005	91	472129	5.385	ug/L	99
53) m,p-Xylene	9.133	106	190855	5.474	ug/L	95
54) o-Xylene	9.535	106	186403	5.624	ug/L	99
55) Styrene	9.554	104	311765	5.608	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	78434	5.719	ug/L	98
59) Bromoform	9.725	173	39502	5.547	ug/L	99
60) Isopropylbenzene	9.924	105	488766	5.764	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	53945	6.043	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	408857	5.692	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	392753	5.458	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	220502	5.535	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	218459	5.454	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	203073	5.673	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	8012	4.561	ug/L	84
69) 1,3,5-Trichlorobenzene	12.635	180	166517	5.418	ug/L	100
70) 1,2,4-trichlorobenzene	13.252	180	124332	5.348	ug/L	98
71) Naphthalene	13.493	128	143939	4.798	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	108429	5.507	ug/L	99

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

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