

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VW029132.D
 Acq On : 18 Nov 2022 20:51
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005356

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Supervised By :Mahesh
 Dadoda
 11/20/2022

Quant Time: Nov 18 23:36:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	329279	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	310589	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	161501	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	128301	6.391	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	127.800%	
7) Chloroethane-d5	1.568	69	97042	5.499	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	110.000%	
11) 1,1-Dichloroethene-d2	2.108	63	210317	5.749	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	115.000%	
20) 2-Butanone-d5	3.896	46	118650	35.309	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	70.620%	
24) Chloroform-d	4.343	84	202208	4.906	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
26) 1,2-Dichloroethane-d4	5.027	65	89117	4.806	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
32) Benzene-d6	5.044	84	426204	4.597	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
36) 1,2-Dichloropropane-d6	6.063	67	124427	4.806	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.200%	
41) Toluene-d8	7.310	98	405416	4.858	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.200%	
43) trans-1,3-Dichloroprop...	7.616	79	38993	4.618	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.400%	
46) 2-Hexanone-d5	8.085	63	170727	47.373	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.740%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	88725	4.943	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.800%	
66) 1,2-Dichlorobenzene-d4	11.616	152	136916	4.739	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.800%	
Target Compounds						
2) Dichlorodifluoromethane	1.127	85	133356	4.858	ug/L	97
3) Chloromethane	1.240	50	118904	5.219	ug/L	100
5) Vinyl chloride	1.311	62	128597	4.949	ug/L	95
6) Bromomethane	1.520	94	64976	4.184	ug/L	96
8) Chloroethane	1.584	64	82809	5.423	ug/L	99
9) Trichlorofluoromethane	1.751	101	180696	5.157	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	105861	5.336	ug/L	98
12) 1,1-Dichloroethene	2.118	96	102399	5.137	ug/L	97
13) Acetone	2.188	43	86466m	40.000	ug/L	
14) Carbon disulfide	2.291	76	303266	4.284	ug/L	100
15) Methyl Acetate	2.436	43	27888	5.316	ug/L	89
16) Methylene chloride	2.503	84	115404	4.478	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	214235	5.013	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	111707	4.832	ug/L	97
19) 1,1-Dichloroethane	3.185	63	198716	5.258	ug/L	99
21) 2-Butanone	3.982	43	122059	36.472	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	119098	5.067	ug/L	99
23) Bromochloromethane	4.240	128	49627	4.992	ug/L	85
25) Chloroform	4.368	83	203647	5.140	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	108761	5.330	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	168710	4.629	ug/L	99
30) Cyclohexane	4.671	56	177806	4.800	ug/L	95
31) Carbon tetrachloride	4.822	117	141708	4.515	ug/L	100
33) Benzene	5.095	78	464802	4.897	ug/L	100
34) Trichloroethene	5.908	95	113878	4.687	ug/L	98
35) Methylcyclohexane	6.127	83	193554	4.533	ug/L	97
37) 1,2-Dichloropropane	6.169	63	110753	5.060	ug/L	99
38) Bromodichloromethane	6.503	83	129293	4.665	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	134848	4.413	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	541573	57.513	ug/L	92
42) Toluene	7.381	91	493933	4.817	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	108194	4.561	ug/L	100
45) 1,1,2-Trichloroethane	7.831	97	74412	5.194	ug/L	96
47) Tetrachloroethene	7.969	164	93088	4.785	ug/L	99
48) 2-Hexanone	8.137	43	390067	59.135	ug/L	98
49) Dibromochloromethane	8.240	129	81055	4.679	ug/L	100
50) 1,2-Dibromoethane	8.346	107	70878	5.325	ug/L	98
51) Chlorobenzene	8.873	112	311685	4.916	ug/L	98
52) Ethylbenzene	9.005	91	523556	4.905	ug/L	99
53) m,p-Xylene	9.130	106	201305	4.742	ug/L	96
54) o-Xylene	9.535	106	200103	4.958	ug/L	98
55) Styrene	9.551	104	342421	5.059	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	91862	5.501	ug/L	99
59) Bromoform	9.725	173	39548	4.492	ug/L	100
60) Isopropylbenzene	9.924	105	530073	5.057	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	61966	5.615	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	437700	4.929	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	438334	4.928	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	246831	5.011	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	244934	4.947	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	224482	5.073	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.419	75	9709	4.471	ug/L	89
69) 1,3,5-Trichlorobenzene	12.635	180	182174	4.794	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	139655	4.859	ug/L	99
71) Naphthalene	13.493	128	175633	4.736	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	122390	5.028	ug/L	99

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

