

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032223\
 Data File : VW030290.D
 Acq On : 22 Mar 2023 13:30
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005312

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

03/23/2023

Supervised By :Mahesh
 Dadoda
 03/23/2023

Quant Time: Mar 23 01:30:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 22 06:04:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	121994	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	114830	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	68333	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	39828	5.046	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.000%
7) Chloroethane-d5	1.536	69	36190	4.884	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.066	63	85884	5.292	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.800%
20) 2-Butanone-d5	3.838	46	72338m	49.705	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.400%
24) Chloroform-d	4.259	84	80750	5.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	4.957	65	41604	6.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.400%
32) Benzene-d6	4.969	84	145345	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	5.998	67	38385	4.129	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.600%
41) Toluene-d8	7.252	98	141169	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.561	79	16752	5.268	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.400%
46) 2-Hexanone-d5	8.037	63	63294	48.106	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.220%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	29443	4.452	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	56278	4.868	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	44144	4.447	ug/L	97
3) Chloromethane	1.217	50	57535	3.679	ug/L	99
5) Vinyl chloride	1.285	62	45296	4.358	ug/L	99
6) Bromomethane	1.490	94	11592	6.213	ug/L	99
8) Chloroethane	1.552	64	28801	4.548	ug/L	99
9) Trichlorofluoromethane	1.716	101	86739	5.816	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	46091	4.983	ug/L	96
12) 1,1-Dichloroethene	2.072	96	38648	4.721	ug/L	77
13) Acetone	2.175	43	59916	55.702	ug/L	85
14) Carbon disulfide	2.246	76	76089	3.473	ug/L	99
15) Methyl Acetate	2.394	43	10800	4.299	ug/L #	87
16) Methylene chloride	2.452	84	42583	4.258	ug/L	95
17) Methyl tert-butyl Ether	2.716	73	86045	5.374	ug/L #	93
18) trans-1,2-Dichloroethene	2.699	96	33797	4.340	ug/L	95
19) 1,1-Dichloroethane	3.121	63	69044	4.759	ug/L	99
21) 2-Butanone	3.921	43	70009	48.394	ug/L	92
22) cis-1,2-Dichloroethene	3.828	96	40482	4.703	ug/L	93
23) Bromochloromethane	4.162	128	18159	4.936	ug/L	97
25) Chloroform	4.288	83	79366	5.259	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) 1,2-Dichloroethane	5.053	62	49302	6.245	ug/L	#	94
29) 1,1,1-Trichloroethane	4.523	97	76757	5.690	ug/L		97
30) Cyclohexane	4.596	56	49517	4.248	ug/L		99
31) Carbon tetrachloride	4.744	117	69023	5.693	ug/L		99
33) Benzene	5.021	78	148686	4.741	ug/L		100
34) Trichloroethene	5.841	95	40070	4.560	ug/L		98
35) Methylcyclohexane	6.059	83	57741	4.342	ug/L		97
37) 1,2-Dichloropropane	6.104	63	37402	4.688	ug/L		98
38) Bromodichloromethane	6.442	83	53952	5.297	ug/L		97
39) cis-1,3-Dichloropropene	6.963	75	56572	4.844	ug/L		100
40) 4-Methyl-2-pentanone	7.172	43	196628	59.724	ug/L		92
42) Toluene	7.323	91	168096	4.949	ug/L		98
44) trans-1,3-Dichloropropene	7.590	75	49312	5.409	ug/L		96
45) 1,1,2-Trichloroethane	7.776	97	28093	4.921	ug/L		96
47) Tetrachloroethene	7.911	164	37271	4.941	ug/L		94
48) 2-Hexanone	8.088	43	142853	60.610	ug/L		93
49) Dibromochloromethane	8.185	129	35303	5.285	ug/L		94
50) 1,2-Dibromoethane	8.291	107	24383	4.578	ug/L		95
51) Chlorobenzene	8.821	112	113258	4.944	ug/L		99
52) Ethylbenzene	8.953	91	189142	5.117	ug/L		99
53) m,p-Xylene	9.082	106	75811	5.336	ug/L		96
54) o-Xylene	9.487	106	72155	5.317	ug/L		99
55) Styrene	9.503	104	127132	5.633	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.188	83	30865	4.833	ug/L		94
59) Bromoform	9.673	173	22252	5.433	ug/L		98
60) Isopropylbenzene	9.876	105	206370	5.249	ug/L		99
61) 1,2,3-Trichloropropane	10.220	75	22523	4.925	ug/L		97
62) 1,3,5-Trimethylbenzene	10.484	105	170929	5.292	ug/L		99
63) 1,2,4-Trimethylbenzene	10.860	105	176657	5.347	ug/L		98
64) 1,3-Dichlorobenzene	11.127	146	107608	5.256	ug/L		97
65) 1,4-Dichlorobenzene	11.217	146	105092	5.088	ug/L		97
67) 1,2-Dichlorobenzene	11.590	146	95267	5.270	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.374	75	5592	5.475	ug/L		89
69) 1,3,5-Trichlorobenzene	12.593	180	87473	5.198	ug/L		99
70) 1,2,4-trichlorobenzene	13.207	180	71442	5.240	ug/L		97
71) Naphthalene	13.448	128	96305	5.405	ug/L		100
72) 1,2,3-Trichlorobenzene	13.689	180	59090	5.265	ug/L		99

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

