

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032923\
 Data File : VW030320.D
 Acq On : 29 Mar 2023 11:51
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005314

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/31/2023
 Supervised By :Mahesh Dadoda 03/31/2023

Quant Time: Mar 30 01:49:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 24 02:42:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	149221	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	141128	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	82015	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	43022	4.353	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.535	69	43399	4.525	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.066	63	110018	4.691	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	3.831	46	118788	46.502	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.000%
24) Chloroform-d	4.259	84	118584	4.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	4.953	65	54855	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	4.969	84	198614	4.994	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	5.995	67	63834	5.127	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.249	98	186741	5.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
43) trans-1,3-Dichloroprop...	7.561	79	23003	4.907	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.037	63	98097	52.077	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.160%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	49078	5.001	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	71625	4.886	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	91647	4.831	ug/L	98
3) Chloromethane	1.217	50	107824	4.504	ug/L	99
5) Vinyl chloride	1.285	62	82110	4.705	ug/L	98
6) Bromomethane	1.490	94	25732	5.170	ug/L	99
8) Chloroethane	1.552	64	47437	4.745	ug/L	98
9) Trichlorofluoromethane	1.716	101	124706	4.902	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	68168	4.855	ug/L	99
12) 1,1-Dichloroethene	2.072	96	59904	4.805	ug/L	97
13) Acetone	2.172	43	117353m	48.042	ug/L	
14) Carbon disulfide	2.246	76	200550	4.883	ug/L	99
15) Methyl Acetate	2.394	43	26064	5.971	ug/L #	74
16) Methylene chloride	2.452	84	79823	5.413	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	122834	4.652	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	63488	4.833	ug/L	97
19) 1,1-Dichloroethane	3.117	63	121741	4.781	ug/L	100
21) 2-Butanone	3.908	43	144054	46.854	ug/L	99
22) cis-1,2-Dichloroethene	3.825	96	63134	4.789	ug/L	97
23) Bromochloromethane	4.159	128	30128	4.894	ug/L	95
25) Chloroform	4.285	83	126223	4.905	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	75265	4.838	ug/L	98
29) 1,1,1-Trichloroethane	4.523	97	116834	5.151	ug/L	99
30) Cyclohexane	4.593	56	104418	5.053	ug/L	98
31) Carbon tetrachloride	4.744	117	105087	5.106	ug/L	98
33) Benzene	5.018	78	262824	5.243	ug/L	100
34) Trichloroethene	5.838	95	67330	4.980	ug/L	97
35) Methylcyclohexane	6.059	83	106114	5.001	ug/L	98
37) 1,2-Dichloropropane	6.101	63	65913	5.122	ug/L	100
38) Bromodichloromethane	6.439	83	87078	5.167	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	87909	4.858	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	355007	52.353	ug/L	99
42) Toluene	7.323	91	287173	5.379	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	74633	4.847	ug/L	96
45) 1,1,2-Trichloroethane	7.776	97	46026	5.080	ug/L	98
47) Tetrachloroethene	7.911	164	61124	5.123	ug/L	97
48) 2-Hexanone	8.088	43	273342	53.823	ug/L	98
49) Dibromochloromethane	8.185	129	54529	5.056	ug/L	100
50) 1,2-Dibromoethane	8.291	107	40317	4.891	ug/L	91
51) Chlorobenzene	8.821	112	175144	5.123	ug/L	97
52) Ethylbenzene	8.953	91	301811	5.167	ug/L	98
53) m,p-Xylene	9.079	106	116662	5.217	ug/L	99
54) o-Xylene	9.487	106	109955	5.139	ug/L	99
55) Styrene	9.503	104	193812	5.333	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	53808	5.003	ug/L	96
59) Bromoform	9.673	173	31908	4.813	ug/L	100
60) Isopropylbenzene	9.876	105	304156	5.029	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	35821	4.885	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	243498	4.934	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	253970	5.049	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	155742	5.164	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	157683	5.190	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	140391	5.166	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	7934	4.350	ug/L	86
69) 1,3,5-Trichlorobenzene	12.593	180	117874	5.076	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	86526	4.826	ug/L	98
71) Naphthalene	13.448	128	109094	4.260	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	72704	4.681	ug/L	99

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

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