

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060523\
 Data File : VW031360.D
 Acq On : 05 Jun 2023 20:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005364

Quant Time: Jun 06 02:12:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 06 02:05:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/06/2023
 Supervised By :Mahesh Dadoda 06/08/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	142605	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	140812	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	78445	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	55735	3.842	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.529	69	49928	4.075	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.056	65	30089	4.272	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	3.857	46	142658	42.489	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.980%
24) Chloroform-d	4.256	84	120826	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	4.950	65	60399	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	4.966	84	211408	4.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	5.995	67	69034	4.775	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.249	98	202033	5.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	7.561	79	25617	4.866	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.037	63	101788	48.135	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.260%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	49405	4.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.567	152	69382	4.690	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	79447	4.128	ug/L	98
3) Chloromethane	1.217	50	74377	3.912	ug/L	98
5) Vinyl chloride	1.281	62	78603	4.135	ug/L	100
6) Bromomethane	1.487	94	42704	3.919	ug/L	99
8) Chloroethane	1.545	64	45756	3.861	ug/L	98
9) Trichlorofluoromethane	1.709	101	124308	4.441	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	63837	4.125	ug/L	97
12) 1,1-Dichloroethene	2.066	96	57000	4.278	ug/L	95
13) Acetone	2.153	43	94078m	24.246	ug/L	
14) Carbon disulfide	2.236	76	162460	4.113	ug/L	99
15) Methyl Acetate	2.397	43	27546	3.654	ug/L	98
16) Methylene chloride	2.449	84	66524	4.107	ug/L	97
17) Methyl tert-butyl Ether	2.715	73	130124	4.286	ug/L	97
18) trans-1,2-Dichloroethene	2.693	96	53281	4.217	ug/L	93
19) 1,1-Dichloroethane	3.114	63	118509	4.223	ug/L	99
21) 2-Butanone	3.921	43	144331	28.602	ug/L	99
22) cis-1,2-Dichloroethene	3.821	96	59342	4.635	ug/L	93
23) Bromochloromethane	4.156	128	25753	4.255	ug/L	94
25) Chloroform	4.284	83	118312	4.032	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	75545	4.429	ug/L	100
29) 1,1,1-Trichloroethane	4.516	97	107161	4.577	ug/L	99
30) Cyclohexane	4.587	56	97145	4.570	ug/L	98
31) Carbon tetrachloride	4.738	117	95850	4.591	ug/L	100
33) Benzene	5.014	78	234309	4.676	ug/L	100
34) Trichloroethene	5.837	95	61632	4.554	ug/L	97
35) Methylcyclohexane	6.056	83	92846	4.608	ug/L	96
37) 1,2-Dichloropropane	6.101	63	63547	4.309	ug/L	98
38) Bromodichloromethane	6.439	83	82442	4.372	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	85695	4.427	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	382937	44.252	ug/L	99
42) Toluene	7.320	91	249556	4.693	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	74506	4.474	ug/L	96
45) 1,1,2-Trichloroethane	7.776	97	43134	4.309	ug/L	98
47) Tetrachloroethene	7.911	164	49638	4.706	ug/L	97
48) 2-Hexanone	8.088	43	280063	40.752	ug/L	99
49) Dibromochloromethane	8.185	129	49418	4.420	ug/L	97
50) 1,2-Dibromoethane	8.291	107	39957	4.316	ug/L	98
51) Chlorobenzene	8.821	112	152739	4.611	ug/L	98
52) Ethylbenzene	8.953	91	264058	4.747	ug/L	98
53) m,p-Xylene	9.079	106	95989	4.797	ug/L	96
54) o-Xylene	9.484	106	92124	4.912	ug/L	98
55) Styrene	9.503	104	168284	5.045	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	49397	4.140	ug/L	97
59) Bromoform	9.670	173	28697	4.540	ug/L	99
60) Isopropylbenzene	9.873	105	257069	4.562	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	37717	3.936	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	206554	4.524	ug/L	97
63) 1,2,4-Trimethylbenzene	10.860	105	215469	4.572	ug/L	96
64) 1,3-Dichlorobenzene	11.123	146	126945	4.652	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	125738	4.399	ug/L	100
67) 1,2-Dichlorobenzene	11.586	146	117317	4.481	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	8581	3.903	ug/L	97
69) 1,3,5-Trichlorobenzene	12.590	180	93233	4.598	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	71215	4.379	ug/L	98
71) Naphthalene	13.448	128	102474	4.107	ug/L	98
72) 1,2,3-Trichlorobenzene	13.689	180	66194	4.538	ug/L	98

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

