

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060623\
 Data File : VW031362.D
 Acq On : 06 Jun 2023 09:26
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005365

Manual Integrations
 APPROVED

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

Quant Time: Jun 07 01:54:09 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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	125509	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	127127	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	71793	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	50087	3.923	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.532	69	46546	4.316	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.056	65	27448	4.428	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.818	46	120581m	40.806	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.620%
24) Chloroform-d	4.256	84	114081	5.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	4.947	65	56350	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	4.966	84	196099	5.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	5.992	67	63092	4.833	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.246	98	188894	5.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	7.558	79	22967	4.833	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.034	63	85779	44.931	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.860%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	45580	4.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	11.567	152	62834	4.641	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	82297	4.859	ug/L	99
3) Chloromethane	1.214	50	72649	4.341	ug/L	96
5) Vinyl chloride	1.282	62	75938	4.539	ug/L	98
6) Bromomethane	1.487	94	40899	4.265	ug/L	99
8) Chloroethane	1.548	64	44582	4.274	ug/L	99
9) Trichlorofluoromethane	1.712	101	122534	4.973	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	66161	4.858	ug/L	97
12) 1,1-Dichloroethene	2.069	96	56570	4.824	ug/L	94
13) Acetone	2.143	43	121543m	35.592	ug/L	
14) Carbon disulfide	2.240	76	162548	4.676	ug/L	100
15) Methyl Acetate	2.388	43	36009m	5.428	ug/L	
16) Methylene chloride	2.449	84	57918	4.063	ug/L	98
17) Methyl tert-butyl Ether	2.709	73	116139	4.346	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	52175	4.692	ug/L	89
19) 1,1-Dichloroethane	3.114	63	115447	4.674	ug/L	98
21) 2-Butanone	3.902	43	154424m	34.771	ug/L	
22) cis-1,2-Dichloroethene	3.818	96	52781	4.684	ug/L	97
23) Bromochloromethane	4.153	128	24640	4.625	ug/L	91
25) Chloroform	4.281	83	117167	4.536	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	71285	4.749	ug/L	96
29) 1,1,1-Trichloroethane	4.516	97	106431	5.036	ug/L	99
30) Cyclohexane	4.584	56	89001	4.638	ug/L	95
31) Carbon tetrachloride	4.738	117	97090	5.151	ug/L	98
33) Benzene	5.015	78	228601	5.053	ug/L	100
34) Trichloroethene	5.838	95	62268	5.096	ug/L	97
35) Methylcyclohexane	6.056	83	86806	4.772	ug/L	96
37) 1,2-Dichloropropane	6.098	63	63285	4.753	ug/L	98
38) Bromodichloromethane	6.439	83	79724	4.683	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	78945	4.517	ug/L	98
40) 4-Methyl-2-pentanone	7.166	43	354202	45.337	ug/L	96
42) Toluene	7.320	91	247595	5.158	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	72319	4.810	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	41783	4.623	ug/L	97
47) Tetrachloroethene	7.908	164	49769	5.227	ug/L	100
48) 2-Hexanone	8.085	43	269944	43.507	ug/L	99
49) Dibromochloromethane	8.182	129	50134	4.967	ug/L	94
50) 1,2-Dibromoethane	8.288	107	40193	4.808	ug/L	95
51) Chlorobenzene	8.818	112	149837	5.010	ug/L	99
52) Ethylbenzene	8.953	91	250649	4.991	ug/L	97
53) m,p-Xylene	9.079	106	96281	5.329	ug/L	98
54) o-Xylene	9.484	106	88961	5.254	ug/L	98
55) Styrene	9.503	104	164846	5.474	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.185	83	45785	4.250	ug/L #	96
59) Bromoform	9.670	173	28707	4.963	ug/L	99
60) Isopropylbenzene	9.873	105	251280	4.872	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	36190	4.126	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	194050	4.644	ug/L	97
63) 1,2,4-Trimethylbenzene	10.860	105	204672	4.745	ug/L	96
64) 1,3-Dichlorobenzene	11.124	146	124431	4.982	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	124650	4.765	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	113868	4.753	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	7468	3.712	ug/L	88
69) 1,3,5-Trichlorobenzene	12.590	180	91590	4.935	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	68783	4.621	ug/L	98
71) Naphthalene	13.448	128	83049	3.637	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	59609	4.465	ug/L	98

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

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