

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023526.D
 Acq On : 16 Nov 2021 12:02
 Operator : SY/MD
 Sample : M4643-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB8K3

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 00:50:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 00:48:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119182	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	118164	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63101	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34820	4.664	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.568	69	29312	4.817	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.111	63	74450	5.327	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.600%
20) 2-Butanone-d5	3.918	46	58670m	45.611	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.220%
24) Chloroform-d	4.352	84	69950	4.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.037	65	35766	4.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.050	84	145099	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.069	67	44310	4.965	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.317	98	127781	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	7.625	79	15834	4.679	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.095	63	52259	41.971	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.940%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30610	4.769	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	52561	5.002	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	28669	2.467	ug/L	100
3) Chloromethane	1.240	50	71266	7.213	ug/L	97
5) Vinyl chloride	1.310	62	53899	5.462	ug/L	100
6) Bromomethane	1.523	94	26140	4.144	ug/L	98
8) Chloroethane	1.584	64	30000	5.268	ug/L	98
9) Trichlorofluoromethane	1.754	101	153920	10.381	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	37542	5.029	ug/L	95
12) 1,1-Dichloroethene	2.117	96	46546	6.549	ug/L	89
16) Methylene chloride	2.507	84	32571	3.140	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	94778	6.058	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	61572	7.047	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	59075	7.026	ug/L #	93
23) Bromochloromethane	4.259	128	8937	2.305	ug/L #	77
25) Chloroform	4.375	83	89837	5.713	ug/L	95
27) 1,2-Dichloroethane	5.133	62	48398	5.787	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	82022	5.715	ug/L	99
31) Carbon tetrachloride	4.828	117	75455	5.854	ug/L	97
34) Trichloroethene	5.915	95	80054	9.115	ug/L	94
37) 1,2-Dichloropropane	6.172	63	42096	5.460	ug/L	100

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38) Bromodichloromethane	6.513	83	23695	2.293	ug/L	100
39) cis-1,3-Dichloropropene	7.034	75	20592	1.857	ug/L	94
42) Toluene	7.391	91	117666	3.331	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	50548	9.124	ug/L	95
47) Tetrachloroethene	7.976	164	44341	5.825	ug/L	99
49) Dibromochloromethane	8.246	129	47825	6.813	ug/L	100
52) Ethylbenzene	9.011	91	444345	11.926	ug/L	98
54) o-xylene	9.545	106	46148	3.364	ug/L	95
55) Styrene	9.561	104	73118	3.112	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	31655	5.215	ug/L #	99
60) Isopropylbenzene	9.931	105	311800	8.611	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	158004	5.287	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	44284	2.394	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	39555	2.389	ug/L	96

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

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