

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121521\
 Data File : VW023990.D
 Acq On : 15 Dec 2021 18:50
 Operator : SY/MD
 Sample : M4971-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3E7

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/16/2021
 Supervised By : Mahesh Dadoda 12/22/2021

Quant Time: Dec 16 04:51:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	92720	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	100854	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50212	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	16568	3.324	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.400%
7) Chloroethane-d5	1.568	69	17195	4.135	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.105	63	23998	2.466	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.400%#
20) 2-Butanone-d5	3.902	46	47840	49.126	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.260%
24) Chloroform-d	4.349	84	51999	4.606	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.034	65	25903	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.053	84	80139	4.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.069	67	27437	4.553	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.317	98	59260	3.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.000%#
43) trans-1,3-Dichloroprop...	7.625	79	9333	3.733	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.091	63	52743	47.124	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.240%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23320	4.665	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	31906	4.757	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
3) Chloromethane	1.240	50	1103	0.160	ug/L	97
13) Acetone	2.191	43	6649m	8.534	ug/L	
33) Benzene	5.104	78	30721	1.077	ug/L	100
42) Toluene	7.391	91	58736	1.829	ug/L	96
52) Ethylbenzene	9.018	91	4057	0.120	ug/L	87
53) m,p-xylene	9.140	106	5673	0.423	ug/L	97
54) o-xylene	9.545	106	4832	0.373	ug/L	89
62) 1,3,5-Trimethylbenzene	10.542	105	1723	0.070	ug/L	95
63) 1,2,4-Trimethylbenzene	10.915	105	9230	0.379	ug/L	95

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

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