

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110921\
 Data File : VW023322.D
 Acq On : 10 Nov 2021 11:03
 Operator : SY/MD
 Sample : M4522-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG326

Manual Integrations
 APPROVED

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

Quant Time: Nov 11 00:40:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 00:38:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	128147	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	131063	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62172	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	27252	3.395	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.800%	
7) Chloroethane-d5	1.568	69	26065	3.984	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.600%	
11) 1,1-Dichloroethene-d2	2.108	63	39245	2.611	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	52.200%#	
20) 2-Butanone-d5	3.886	46	98141	70.959	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	141.920%#	
24) Chloroform-d	4.349	84	75762	4.428	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
26) 1,2-Dichloroethane-d4	5.034	65	37320	4.851	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.000%	
32) Benzene-d6	5.050	84	134871	4.011	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.200%	
36) 1,2-Dichloropropane-d6	6.069	67	46715	4.719	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.317	98	108795	3.452	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.000%#	
43) trans-1,3-Dichloroprop...	7.625	79	14506	3.865	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.200%	
46) 2-Hexanone-d5	8.088	63	67030	48.535	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.080%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34262	4.813	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	48290	4.665	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.200%	
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	150114	14.148	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	3767	0.469	ug/L	99
13) Acetone	2.179	43	1403	1.660	ug/L	78
14) Carbon disulfide	2.294	76	2034	0.071	ug/L	95
18) trans-1,2-Dichloroethene	2.764	96	8193	0.872	ug/L	93
19) 1,1-Dichloroethane	3.191	63	13785	0.869	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	31617	3.497	ug/L #	85
29) 1,1,1-Trichloroethane	4.609	97	1593m	0.100	ug/L	
33) Benzene	5.101	78	13630	0.372	ug/L	100
34) Trichloroethene	5.918	95	3732	0.383	ug/L	88
47) Tetrachloroethene	7.979	164	2378	0.282	ug/L	94
51) Chlorobenzene	8.886	112	13381	0.514	ug/L	94
52) Ethylbenzene	9.021	91	2465	0.060	ug/L	94
65) 1,4-Dichlorobenzene	11.275	146	1174	0.063	ug/L	88
67) 1,2-Dichlorobenzene	11.644	146	15511	0.951	ug/L	100

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

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