

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041323\
 Data File : VW030556.D
 Acq On : 13 Apr 2023 19:39
 Operator : SY/MD
 Sample : 02254-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC8

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2023
 Supervised By : Mahesh Dadoda 04/14/2023

Quant Time: Apr 14 05:24:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 14 05:16:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.552	114	140195	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	134138	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	63108	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	56488	6.084	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.600%
7) Chloroethane-d5	1.536	69	42618	4.730	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.076	63	26005693	1180.305	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	23606.000%#
20) 2-Butanone-d5	3.831	46	103781	43.243	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.480%
24) Chloroform-d	4.272	84	96937	4.313	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	4.973	65	48448	4.569	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	4.992	84	167918	4.442	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.005	67	53267	4.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.256	98	140747	4.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	7.564	79	18332	4.114	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.034	63	73457	41.029	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.060%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	37939	4.068	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	11.571	152	53204	4.717	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	22594	1.005	ug/L	99
5) Vinyl chloride	1.317	62	627813m	38.292	ug/L	
8) Chloroethane	1.555	64	6695	0.713	ug/L #	61
9) Trichlorofluoromethane	1.719	101	2515	0.105	ug/L	99
12) 1,1-Dichloroethene	2.060	96	32981936m	2815.611	ug/L	
13) Acetone	2.143	43	7789	3.394	ug/L	68
14) Carbon disulfide	2.246	76	8827	0.229	ug/L #	93
15) Methyl Acetate	2.401	43	17141	4.180	ug/L #	87
16) Methylene chloride	2.452	84	55452	4.002	ug/L	95
19) 1,1-Dichloroethane	3.124	63	20021096	836.872	ug/L	89
22) cis-1,2-Dichloroethene	3.835	96	10365	0.837	ug/L	95
25) Chloroform	4.304	83	133413	5.518	ug/L	95
27) 1,2-Dichloroethane	5.069	62	54622	3.737	ug/L	98
29) 1,1,1-Trichloroethane	4.519	97	94866658m	4400.162	ug/L	
34) Trichloroethene	5.847	95	1960802	152.599	ug/L	97
45) 1,1,2-Trichloroethane	7.783	97	1789	0.208	ug/L	90
47) Tetrachloroethene	7.915	164	16880	1.489	ug/L	96
51) Chlorobenzene	8.828	112	4367	0.134	ug/L #	86

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

