

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101923\
 Data File : VW032499.D
 Acq On : 19 Oct 2023 16:04
 Operator : SY/MD
 Sample : 04928-01DL 2X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA1DL

Quant Time: Oct 20 06:23:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 20 06:17:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	99795	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	111865	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	53219	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37748	4.651	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.532	69	34589	5.250	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.063	65	15456	4.515	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	3.806	46	101363	49.370	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.740%
24) Chloroform-d	4.256	84	66382	4.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.947	65	34743	5.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	4.963	84	132449	4.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	5.992	67	43931	4.028	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.246	98	114952	3.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	7.561	79	16111	4.169	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.031	63	88108	48.457	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.920%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	36069	4.728	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	44967	4.553	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	17010	1.591	ug/L	98
12) 1,1-Dichloroethene	2.073	96	65780	8.988	ug/L #	83
16) Methylene chloride	2.449	84	75934	7.958	ug/L	94
18) trans-1,2-Dichloroethene	2.696	96	81978	9.779	ug/L	96
22) cis-1,2-Dichloroethene	3.822	96	15024	1.664	ug/L	95
27) 1,2-Dichloroethane	5.047	62	65226	7.135	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	24202	1.591	ug/L	95
31) Carbon tetrachloride	4.738	117	17194	1.336	ug/L	99
33) Benzene	5.015	78	118730	3.015	ug/L	100
34) Trichloroethene	5.838	95	15204	1.414	ug/L	96
37) 1,2-Dichloropropane	6.098	63	16064	1.525	ug/L #	95
42) Toluene	7.320	91	177617	4.230	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	43004	5.788	ug/L	97
47) Tetrachloroethene	7.908	164	65132	7.988	ug/L	100
51) Chlorobenzene	8.818	112	163850	6.061	ug/L	98
52) Ethylbenzene	8.950	91	84796	1.814	ug/L	98
53) m,p-Xylene	9.075	106	172517	9.949	ug/L	100
54) o-Xylene	9.481	106	48391	2.896	ug/L	99
55) Styrene	9.500	104	183421	6.500	ug/L	100

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65) 1,4-Dichlorobenzene	11.214	146	24742	1.248	ug/L	96
67) 1,2-Dichlorobenzene	11.580	146	157568	8.744	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	30357	2.365	ug/L	98

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

