

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110223\
 Data File : VW032829.D
 Acq On : 01 Nov 2023 17:22
 Operator : SY/MD
 Sample : 05168-01DL 2X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 XA012DL

Quant Time: Nov 02 01:32:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 02 01:31:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	127797	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	145554	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	68173	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	39517	3.765	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.535	69	41692	4.674	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.059	65	18571	3.942	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	3.805	46	97889	43.189	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.380%
24) Chloroform-d	4.252	84	86788	4.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	4.947	65	44712	5.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	4.963	84	166021	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	5.992	67	51084	5.091	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.246	98	151116	4.302	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.561	79	20197	4.561	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.030	63	84046	47.893	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.780%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	45749	5.127	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	61623	5.536	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	22136	1.441	ug/L	97
12) 1,1-Dichloroethene	2.069	96	96428	8.442	ug/L	85
16) Methylene chloride	2.449	84	103142	7.337	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	114372	10.126	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	21801	1.904	ug/L	92
27) 1,2-Dichloroethane	5.046	62	86335	6.381	ug/L #	94
29) 1,1,1-Trichloroethane	4.516	97	36010	1.918	ug/L	99
31) Carbon tetrachloride	4.738	117	26591	1.628	ug/L	97
33) Benzene	5.014	78	155657	3.393	ug/L	100
34) Trichloroethene	5.837	95	20301	1.656	ug/L	90
37) 1,2-Dichloropropane	6.095	63	19051	1.721	ug/L #	96
42) Toluene	7.316	91	236935	4.445	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	61535	6.581	ug/L	97
47) Tetrachloroethene	7.905	164	101010	9.325	ug/L	94
51) Chlorobenzene	8.815	112	235218	6.679	ug/L	98
52) Ethylbenzene	8.950	91	112595	2.009	ug/L	97
53) m,p-Xylene	9.072	106	242290	11.418	ug/L	100
54) o-Xylene	9.480	106	66386	3.226	ug/L	99
55) Styrene	9.500	104	255461	7.491	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,4-Dichlorobenzene	11.213	146	35452	1.439	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	232370	10.178	ug/L	99
70) 1,2,4-trichlorobenzene	13.200	180	40336	2.683	ug/L	99

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

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