

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
 Data File : VU056514.D
 Acq On : 19 Nov 2023 05:45
 Operator : MD/SY
 Sample : 05455-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E05M0

Quant Time: Nov 20 00:32:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	280212	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	282612	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	116477	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54273	2.589	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	51.800%
7) Chloroethane-d5	1.911	69	60805	3.784	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.563	65	27995	3.027	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.600%
20) 2-Butanone-d5	4.637	46	238572	57.085	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.180%
24) Chloroform-d	5.055	84	165803	4.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	5.695	65	91110	4.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.721	84	311188	3.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
36) 1,2-Dichloropropane-d6	6.682	67	107363	4.231	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.894	98	249774	3.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.200%#
43) trans-1,3-Dichloroprop...	8.174	79	35654	3.663	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.200%
46) 2-Hexanone-d5	8.631	63	187335	48.979	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.960%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	88585	4.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	98320	4.569	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						Qvalue
30) Cyclohexane	5.380	56	5946	0.193	ug/L	89
33) Benzene	5.772	78	17339	0.215	ug/L	100
35) Methylcyclohexane	6.756	83	10231	0.323	ug/L	99
42) Toluene	7.965	91	37954	0.455	ug/L	100
52) Ethylbenzene	9.570	91	13104	0.141	ug/L	94
53) m,p-Xylene	9.692	106	9530	0.280	ug/L	98
54) o-Xylene	10.097	106	4478	0.135	ug/L	77
63) 1,2,4-Trimethylbenzene	11.463	105	10263	0.169	ug/L	95

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

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