

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
 Data File : VU052576.D
 Acq On : 27 Dec 2022 19:46
 Operator : JC/MD
 Sample : N6169-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQA6

Quant Time: Dec 28 01:25:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 28 01:18:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	179530	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	168392	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	88591	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	55969	3.077	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.600%
7) Chloroethane-d5	1.916	69	57182	3.646	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.565	65	25985	3.320	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.400%
20) 2-Butanone-d5	4.629	46	324373	57.510	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.020%
24) Chloroform-d	5.060	84	128826	4.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.697	65	77607	4.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.722	84	261192	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.687	67	93559	4.708	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.893	98	229961	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	8.176	79	33609	4.939	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.629	63	240789	64.673	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.340%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	88371	5.237	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	88452	4.904	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	19081	0.913	ug/L	99
12) 1,1-Dichloroethene	2.578	96	4259	0.317	ug/L #	1
14) Carbon disulfide	2.793	76	19968	0.461	ug/L	97
16) Methylene chloride	3.051	84	11483	0.605	ug/L	97
18) trans-1,2-Dichloroethene	3.353	96	54852	3.958	ug/L	100
22) cis-1,2-Dichloroethene	4.661	96	482222	31.710	ug/L	95
25) Chloroform	5.079	83	19384	0.664	ug/L	99
30) Cyclohexane	5.385	56	141647	6.185	ug/L #	84
33) Benzene	5.771	78	17149	0.283	ug/L	100
34) Trichloroethene	6.539	95	705454	49.752	ug/L	99
35) Methylcyclohexane	6.758	83	368036	17.213	ug/L	95
42) Toluene	7.964	91	13600	0.234	ug/L	93
47) Tetrachloroethene	8.552	164	1925747	194.566	ug/L	98
52) Ethylbenzene	9.565	91	60388	1.003	ug/L	97
53) m,p-Xylene	9.690	106	28466	1.283	ug/L	95
54) o-Xylene	10.095	106	4283	0.201	ug/L	92
60) Isopropylbenzene	10.478	105	43327	0.755	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	40480	0.855	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	91799	1.926	ug/L	100

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

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