Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18

Quant Time: Mar 07 13:10:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 04 23:20:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.292	114	177594	5.000	ug/L	0.04
28) Chlorobenzene-d5	9.430	117	172542	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	96006	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.623	65	55886	4.434	ug/L	0.02
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.600%			
7) Chloroethane-d5	1.944	69	52196	4.964	ug/L	0.03
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.200%			
11) 1,1-Dichloroethene-d2	2.588	65	26317	4.944	ug/L	0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.800%			
20) 2-Butanone-d5	4.745	46	206838	49.984	ug/L	0.10
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.960%			
24) Chloroform-d	5.089	84	108463	4.657	ug/L	0.02
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.200%			
26) 1,2-Dichloroethane-d4	5.745	65	60745	4.648	ug/L	0.04
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.000%			
32) Benzene-d6	5.761	84	214976	4.424	ug/L	0.03
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.400%			
36) 1,2-Dichloropropane-d6	6.732	67	71700	4.737	ug/L	0.04
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.800%			
41) Toluene-d8	7.919	98	194754	4.245	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.800%			
43) trans-1,3-Dichloroprop...	8.198	79	29534	4.441	ug/L	0.02
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.800%			
46) 2-Hexanone-d5	8.658	63	170788	45.120	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.240%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	70147	4.549	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.000%			
66) 1,2-Dichlorobenzene-d4	12.195	152	89972	4.782	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.629	62	20533	1.744	ug/L	93
12) 1,1-Dichloroethene	2.600	96	293901	33.763	ug/L #	65
17) Methyl tert-butyl Ether	3.417	73	32520	1.395	ug/L #	92
18) trans-1,2-Dichloroethene	3.375	96	3440	0.364	ug/L	91
19) 1,1-Dichloroethane	3.896	63	71552	4.546	ug/L	100
22) cis-1,2-Dichloroethene	4.690	96	530066	51.506	ug/L	99
29) 1,1,1-Trichloroethane	5.337	97	114315	7.890	ug/L	97
34) Trichloroethene	6.578	95	740571	72.360	ug/L	93
42) Toluene	7.989	91	10235	0.243	ug/L	95
47) Tetrachloroethene	8.568	164	691114	79.268	ug/L	93
52) Ethylbenzene	9.578	91	3698	0.082	ug/L	97
53) m,p-Xylene	9.700	106	4015	0.224	ug/L	96
54) o-Xylene	10.108	106	2285	0.132	ug/L	95

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

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