Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
Data File : VV027651.D
Acq On : 01 Sep 2022 06:00
Operator : SY/MD
Sample : N4400-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Sep 01 07:01:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 01 02:22:45 2022
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
DBVA4

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	131600	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	134811	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	54561	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	69340	4.850	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.000%			
7) Chloroethane-d5	1.568	69	60709	5.075	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.600%			
11) 1,1-Dichloroethene-d2	2.108	63	104842	3.747	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.000%			
20) 2-Butanone-d5	3.886	46	72113	29.834	ug/L	-0.06
Spiked Amount 50.000	Range 40 - 130		Recovery = 59.660%			
24) Chloroform-d	4.346	84	133691	4.658	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.200%			
26) 1,2-Dichloroethane-d4	5.031	65	61486	4.782	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.600%			
32) Benzene-d6	5.047	84	246909	4.471	ug/L	0.01
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.400%			
36) 1,2-Dichloropropane-d6	6.066	67	74510	4.362	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.200%			
41) Toluene-d8	7.314	98	190608	3.986	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.800%			
43) trans-1,3-Dichloroprop...	7.622	79	20338	3.865	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.400%			
46) 2-Hexanone-d5	8.088	63	78281	39.561	ug/L	-0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.120%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	46804	4.258	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.200%			
66) 1,2-Dichlorobenzene-d4	11.622	152	68366	5.597	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	81109	4.962	ug/L	97
13) Acetone	2.175	43	10186m	6.228	ug/L	
14) Carbon disulfide	2.294	76	40417	1.164	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	339281	14.458	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	5817	0.467	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	406484	32.711	ug/L	94
27) 1,2-Dichloroethane	5.150	62	2289	0.164	ug/L #	78
33) Benzene	5.101	78	30202	0.574	ug/L	100
34) Trichloroethene	5.915	95	14270	1.104	ug/L	95
42) Toluene	7.394	91	14638	0.279	ug/L	99
47) Tetrachloroethene	7.976	164	1744	0.166	ug/L	93

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

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