Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041322\
Data File : VV025523.D
Acq On : 14 Apr 2022 04:05
Operator : SY/MD
Sample : N2356-20
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBDT8

Manual Integrations APPROVED

Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

Quant Time: Apr 14 05:25:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 14 05:22:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130875	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	126576	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	59333	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	63472	5.216	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.400%			
7) Chloroethane-d5	1.571	69	56985	4.402	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.000%			
11) 1,1-Dichloroethene-d2	2.114	63	97105	3.984	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.600%			
20) 2-Butanone-d5	3.896	46	79000	53.376	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.760%			
24) Chloroform-d	4.352	84	89113	4.847	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.000%			
26) 1,2-Dichloroethane-d4	5.037	65	42363	5.347	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.000%			
32) Benzene-d6	5.053	84	185017	5.052	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.000%			
36) 1,2-Dichloropropane-d6	6.072	67	50558	4.950	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.000%			
41) Toluene-d8	7.317	98	148948	4.383	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.600%			
43) trans-1,3-Dichloroprop...	7.625	79	13664	3.980	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.600%			
46) 2-Hexanone-d5	8.088	63	56122	46.579	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.160%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30946	4.796	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.000%			
66) 1,2-Dichlorobenzene-d4	11.622	152	48285	4.854	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.314	62	4915	0.339	ug/L #	74
12) 1,1-Dichloroethene	2.124	96	7398	0.652	ug/L #	1
18) trans-1,2-Dichloroethene	2.767	96	33929	3.567	ug/L	97
19) 1,1-Dichloroethane	3.201	63	9073	0.563	ug/L	95
22) cis-1,2-Dichloroethene	3.912	96	2254125	225.099	ug/L	93
25) Chloroform	4.381	83	7645	0.450	ug/L	87
29) 1,1,1-Trichloroethane	4.613	97	105058	7.037	ug/L	99
31) Carbon tetrachloride	4.831	117	4676	0.370	ug/L	99
34) Trichloroethene	5.915	95	19378265m	1951.912	ug/L	
47) Tetrachloroethene	7.976	164	238329	30.664	ug/L	98

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

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