Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111522\
Data File : VV028992.D
Acq On : 15 Nov 2022 16:32
Operator : SY/MD
Sample : N5628-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0L12

Quant Time: Nov 16 03:20:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 16 03:16:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	271932	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	249164	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	116410	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	49342	2.976	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 59.600%			
7) Chloroethane-d5	1.568	69	54962	3.771	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.400%			
11) 1,1-Dichloroethene-d2	2.105	63	80107	2.652	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 53.000%#			
20) 2-Butanone-d5	3.886	46	186904	67.349	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 134.700%#			
24) Chloroform-d	4.342	84	152686	4.486	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.800%			
26) 1,2-Dichloroethane-d4	5.027	65	74004	4.832	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.600%			
32) Benzene-d6	5.047	84	303520	4.081	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.600%			
36) 1,2-Dichloropropane-d6	6.066	67	94140	4.533	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.600%			
41) Toluene-d8	7.310	98	256680	3.834	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.600%			
43) trans-1,3-Dichloroprop...	7.619	79	26435	3.903	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.000%			
46) 2-Hexanone-d5	8.088	63	155546	53.800	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.600%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	73512	5.106	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.200%			
66) 1,2-Dichlorobenzene-d4	11.615	152	100297	4.816	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	119764	5.581	ug/L	96
12) 1,1-Dichloroethene	2.117	96	6772	0.411	ug/L #	1
18) trans-1,2-Dichloroethene	2.760	96	8342	0.437	ug/L	96
19) 1,1-Dichloroethane	3.191	63	3851	0.123	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	1739777	89.632	ug/L	96
30) Cyclohexane	4.670	56	2645	0.089	ug/L #	68
33) Benzene	5.104	78	5445	0.072	ug/L	100
34) Trichloroethene	5.908	95	3187887	163.543	ug/L	99
35) Methylcyclohexane	6.120	83	3361	0.098	ug/L #	68
40) 4-Methyl-2-pentanone	7.239	43	7766	1.028	ug/L #	78
42) Toluene	7.381	91	665674	8.093	ug/L	100
47) Tetrachloroethene	7.972	164	1768	0.113	ug/L #	82
52) Ethylbenzene	9.014	91	9003	0.105	ug/L	90
53) m,p-Xylene	9.136	106	11571	0.340	ug/L	98
54) o-Xylene	9.542	106	5345	0.165	ug/L	78
60) Isopropylbenzene	9.927	105	5006	0.066	ug/L	97
63) 1,2,4-Trimethylbenzene	10.914	105	4209	0.066	ug/L	97

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

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

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