Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052547.D
Acq On : 23 Dec 2022 19:05
Operator : JC/MD
Sample : N6171-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD6

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/27/2022
Supervised By :Mahesh Dadoda 12/28/2022

Quant Time: Dec 24 03:58:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 24 03:53:16 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.282	114	148571	5.000	ug/L	0.03
28) Chlorobenzene-d5	9.439	117	146475	5.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.815	152	73129	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.639	65	56543	3.757	ug/L	0.04
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.200%			
7) Chloroethane-d5	1.967	69	53899	4.152	ug/L	0.05
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.000%			
11) 1,1-Dichloroethene-d2	2.632	65	26889	4.151	ug/L	0.06
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.000%			
20) 2-Butanone-d5	4.767	46	250915	53.757	ug/L	0.12
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.520%			
24) Chloroform-d	5.124	84	120260	4.735	ug/L	0.06
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.800%			
26) 1,2-Dichloroethane-d4	5.729	65	83228	5.650	ug/L	0.03
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.000%			
32) Benzene-d6	5.738	84	223186	4.444	ug/L	0.01
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.800%			
36) 1,2-Dichloropropane-d6	6.783	67	85158	4.926	ug/L	0.10
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.600%			
41) Toluene-d8	7.947	98	216367	5.132	ug/L	0.05
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.600%			
43) trans-1,3-Dichloroprop...	8.224	79	34332	5.800	ug/L	0.04
Spiked Amount 5.000	Range 55 - 130		Recovery = 116.000%			
46) 2-Hexanone-d5	8.677	63	180839	55.839	ug/L	0.04
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.680%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	80894	5.512	ug/L	0.01
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.200%			
66) 1,2-Dichlorobenzene-d4	12.195	152	82716	5.556	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.200%			
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.742	96	46039	3.658	ug/L	91
30) Cyclohexane	5.410	56	514716	25.837	ug/L	96
33) Benzene	5.783	78	1637702	31.041	ug/L	100
35) Methylcyclohexane	6.841	83	198748	10.686	ug/L	89
42) Toluene	8.018	91	350783	6.934	ug/L	99
52) Ethylbenzene	9.590	91	1299222	24.818	ug/L	100
53) m,p-Xylene	9.713	106	887277	45.964	ug/L	97
54) o-Xylene	10.114	106	31259	1.689	ug/L	97
60) Isopropylbenzene	10.494	105	181979	3.839	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	57242	1.464	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	12327m	0.313	ug/L	

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

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