Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
Data File : VU058446.D
Acq On : 06 Apr 2024 02:09
Operator : MD/SY
Sample : P1948-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Apr 06 06:00:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 06 00:37:11 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/08/2024
Supervised By :Semsettin Yesilyurt 04/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	84724	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	79301	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34506	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22427	3.998	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.000%			
7) Chloroethane-d5	1.908	69	21018	4.312	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.200%			
11) 1,1-Dichloroethene-d2	2.560	65	13108	5.163	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 103.200%			
20) 2-Butanone-d5	4.628	46	55200	46.697	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.400%			
24) Chloroform-d	5.055	84	50716	4.529	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.600%			
26) 1,2-Dichloroethane-d4	5.695	65	24757	4.738	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.800%			
32) Benzene-d6	5.721	84	101825	4.769	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.400%			
36) 1,2-Dichloropropane-d6	6.682	67	33107	4.945	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.800%			
41) Toluene-d8	7.891	98	85324	4.506	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.200%			
43) trans-1,3-Dichloroprop...	8.177	79	10071	4.846	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.000%			
46) 2-Hexanone-d5	8.628	63	40976	47.801	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.600%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	21337	4.514	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	26179	4.505	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	3198	0.371	ug/L	94
9) Trichlorofluoromethane	2.133	101	1467	0.129	ug/L	98
12) 1,1-Dichloroethene	2.573	96	6120001	1019.257	ug/L #	76
19) 1,1-Dichloroethane	3.859	63	2181101	158.793	ug/L	98
25) Chloroform	5.081	83	14632	1.101	ug/L	99
27) 1,2-Dichloroethane	5.788	62	14687	1.814	ug/L #	89
29) 1,1,1-Trichloroethane	5.303	97	40531240m	3812.138	ug/L	
34) Trichloroethene	6.534	95	235248	32.466	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	819	0.185	ug/L	91
47) Tetrachloroethene	8.547	164	7314	1.377	ug/L	92

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

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