Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040324\
Data File : VU058367.D
Acq On : 03 Apr 2024 16:31
Operator : MD/SY
Sample : P1949-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 04 01:25:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 04 01:17:39 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0AM1

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	73711	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	70983	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	35952	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	20219	3.246	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 65.000%			
7) Chloroethane-d5	1.907	69	21928	4.313	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.200%			
11) 1,1-Dichloroethene-d2	2.560	65	9795	3.787	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.800%			
20) 2-Butanone-d5	4.621	46	60247	54.442	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.880%			
24) Chloroform-d	5.052	84	58540	5.257	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.200%			
26) 1,2-Dichloroethane-d4	5.695	65	24939	4.790	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.800%			
32) Benzene-d6	5.721	84	98646	4.279	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.600%			
36) 1,2-Dichloropropane-d6	6.685	67	29908	4.401	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.000%			
41) Toluene-d8	7.891	98	81307	3.981	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.600%			
43) trans-1,3-Dichloroprop...	8.174	79	10350	4.754	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.000%			
46) 2-Hexanone-d5	8.627	63	46335	52.551	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.100%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	22228	5.021	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	29814	4.453	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	5829	1.379	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	98222	22.284	ug/L	98
12) 1,1-Dichloroethene	2.576	96	227202	61.483	ug/L #	62
16) Methylene chloride	3.036	84	558259	106.609	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	1583	0.160	ug/L #	36
18) trans-1,2-Dichloroethene	3.348	96	2503	0.648	ug/L	97
19) 1,1-Dichloroethane	3.859	63	29045	3.347	ug/L	96
22) cis-1,2-Dichloroethene	4.653	96	935554	196.044	ug/L	95
25) Chloroform	5.078	83	185970	20.437	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	21404	2.916	ug/L	96
30) Cyclohexane	5.383	56	1902	0.297	ug/L #	86
31) Carbon tetrachloride	5.518	117	13784	2.206	ug/L	99
33) Benzene	5.772	78	7997	0.429	ug/L	100
34) Trichloroethene	6.544	95	24674000m	5079.991	ug/L	
38) Bromodichloromethane	7.100	83	3284	0.550	ug/L	97
42) Toluene	7.962	91	56373	2.862	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	3793	1.156	ug/L	98
47) Tetrachloroethene	8.547	164	541418	166.422	ug/L	97
52) Ethylbenzene	9.563	91	101616	4.620	ug/L	99

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53) m,p-Xylene	9.685	106	192397	24.550	ug/L	97
54) o-Xylene	10.093	106	212955	26.919	ug/L	99
60) Isopropylbenzene	10.479	105	6962m	0.322	ug/L	
62) 1,3,5-Trimethylbenzene	11.081	105	38881	2.145	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	112633	6.257	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	3628	0.373	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	28280	3.040	ug/L	95

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

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