Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
Data File : VU058617.D
Acq On : 11 Apr 2024 18:46
Operator : MD/SY
Sample : P2013-16MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0MC0MSD

Quant Time: Apr 12 02:30:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 12 02:25:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	78546	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	76422	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38260	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22347	4.297	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.000%			
7) Chloroethane-d5	1.904	69	22032	4.875	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.600%			
11) 1,1-Dichloroethene-d2	2.557	65	10568	4.490	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.800%			
20) 2-Butanone-d5	4.618	46	54451	49.686	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.380%			
24) Chloroform-d	5.052	84	53116	5.117	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.400%			
26) 1,2-Dichloroethane-d4	5.692	65	24037	4.962	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.200%			
32) Benzene-d6	5.717	84	100172	4.869	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.400%			
36) 1,2-Dichloropropane-d6	6.682	67	31916	4.946	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.000%			
41) Toluene-d8	7.891	98	89711	4.917	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.400%			
43) trans-1,3-Dichloroprop...	8.174	79	9531	4.759	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.200%			
46) 2-Hexanone-d5	8.627	63	41488	50.221	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.440%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20932	4.595	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	27884	4.327	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	26747	4.085	ug/L	100
3) Chloromethane	1.515	50	33419	4.171	ug/L	98
5) Vinyl chloride	1.599	62	53597	6.698	ug/L	98
6) Bromomethane	1.853	94	14320	3.783	ug/L	99
8) Chloroethane	1.927	64	23983	4.744	ug/L	100
9) Trichlorofluoromethane	2.132	101	46418	4.393	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	28213	4.493	ug/L	97
12) 1,1-Dichloroethene	2.573	96	24585	4.417	ug/L	97
13) Acetone	2.624	43	37039	39.599	ug/L	99
14) Carbon disulfide	2.785	76	75180	4.252	ug/L	99
15) Methyl Acetate	2.946	43	10349	4.689	ug/L	97
16) Methylene chloride	3.036	84	29401	3.980	ug/L	96
17) Methyl tert-butyl Ether	3.351	73	60307	4.587	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	27905	4.783	ug/L	93
19) 1,1-Dichloroethane	3.856	63	61743	4.849	ug/L	98
21) 2-Butanone	4.695	43	62626	44.795	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	87069	13.290	ug/L	97
23) Bromochloromethane	4.965	128	12316	4.771	ug/L	91
25) Chloroform	5.078	83	59689	4.843	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	35870	4.779	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	47256	4.612	ug/L	97
30) Cyclohexane	5.380	56	47479	4.388	ug/L	99
31) Carbon tetrachloride	5.515	117	39629	4.567	ug/L	100
33) Benzene	5.766	78	127766	4.612	ug/L	100
34) Trichloroethene	6.534	95	30858	4.419	ug/L	97
35) Methylcyclohexane	6.756	83	45401	4.315	ug/L	98
37) 1,2-Dichloropropane	6.782	63	35002	4.802	ug/L	99
38) Bromodichloromethane	7.097	83	39335	4.728	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	42433	4.578	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	164214	47.867	ug/L	98
42) Toluene	7.962	91	131029	4.509	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	33806	4.625	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	20273	4.762	ug/L	99
47) Tetrachloroethene	8.547	164	22383	4.372	ug/L	98
48) 2-Hexanone	8.679	43	118660	48.722	ug/L	95
49) Dibromochloromethane	8.801	129	22701	4.613	ug/L	98
50) 1,2-Dibromoethane	8.917	107	17424	4.476	ug/L	97
51) Chlorobenzene	9.441	112	79294	4.510	ug/L	99
52) Ethylbenzene	9.563	91	139935	4.546	ug/L	99
53) m,p-Xylene	9.688	106	51265	4.651	ug/L	99
54) o-Xylene	10.093	106	49540	4.584	ug/L	98
55) Styrene	10.110	104	81699	4.699	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	24598	4.685	ug/L	99
59) Bromoform	10.283	173	11652	4.558	ug/L	99
60) Isopropylbenzene	10.476	105	126642	4.521	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	17438	4.467	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	102241	4.476	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	105092	4.506	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	60220	4.426	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	57738	4.356	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	54268	4.385	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	3176	4.797	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	42879	4.262	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	32264	4.159	ug/L	99
71) Naphthalene	14.084	128	39318	3.698	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	26724	4.171	ug/L	100

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

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