Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
Data File : VU058501.D
Acq On : 09 Apr 2024 04:23
Operator : MD/SY
Sample : P2013-16MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0MC0MSD

Quant Time: Apr 09 05:55:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 09 05:30:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	71613	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	70324	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	35585	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	14210	2.997	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 60.000%			
7) Chloroethane-d5	1.908	69	14523	3.525	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 70.400%			
11) 1,1-Dichloroethene-d2	2.560	65	6644	3.096	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.000%			
20) 2-Butanone-d5	4.621	46	57517	57.565	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.140%			
24) Chloroform-d	5.055	84	43555	4.602	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.000%			
26) 1,2-Dichloroethane-d4	5.692	65	20581	4.659	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.200%			
32) Benzene-d6	5.718	84	71747	3.789	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 75.800%			
36) 1,2-Dichloropropane-d6	6.682	67	25583	4.309	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.200%			
41) Toluene-d8	7.891	98	62161	3.702	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.000%			
43) trans-1,3-Dichloroprop...	8.174	79	7930	4.303	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.000%			
46) 2-Hexanone-d5	8.627	63	41722	54.884	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.760%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	20250	4.831	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	24022	4.008	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 80.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	31628	5.299	ug/L	99
3) Chloromethane	1.515	50	39565	5.416	ug/L	100
5) Vinyl chloride	1.599	62	59996	8.223	ug/L	97
6) Bromomethane	1.853	94	14246	4.127	ug/L	98
8) Chloroethane	1.927	64	25678	5.571	ug/L	100
9) Trichlorofluoromethane	2.133	101	51879	5.385	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	30564	5.339	ug/L	97
12) 1,1-Dichloroethene	2.573	96	27915	5.500	ug/L	88
13) Acetone	2.634	43	42913	50.320	ug/L	99
14) Carbon disulfide	2.785	76	88040	5.461	ug/L	100
15) Methyl Acetate	2.949	43	10206	5.072	ug/L	93
16) Methylene chloride	3.036	84	33421	4.962	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	67579	5.637	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	31186	5.863	ug/L	98
19) 1,1-Dichloroethane	3.859	63	67684	5.830	ug/L	96
21) 2-Butanone	4.702	43	67365	52.850	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	98509	16.491	ug/L	97
23) Bromochloromethane	4.965	128	13685	5.815	ug/L	99
25) Chloroform	5.078	83	64920	5.777	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	38716	5.658	ug/L		97
29) 1,1,1-Trichloroethane	5.306	97	51652	5.478	ug/L		98
30) Cyclohexane	5.380	56	53203	5.343	ug/L		100
31) Carbon tetrachloride	5.515	117	44638	5.590	ug/L		99
33) Benzene	5.766	78	141358	5.545	ug/L		100
34) Trichloroethene	6.534	95	34103	5.307	ug/L		98
35) Methylcyclohexane	6.756	83	50334	5.199	ug/L		99
37) 1,2-Dichloropropane	6.782	63	38198	5.695	ug/L		100
38) Bromodichloromethane	7.097	83	43160	5.638	ug/L		97
39) cis-1,3-Dichloropropene	7.602	75	44990	5.275	ug/L		98
40) 4-Methyl-2-pentanone	7.782	43	176650	55.957	ug/L		100
42) Toluene	7.962	91	147439	5.514	ug/L		99
44) trans-1,3-Dichloropropene	8.203	75	35788	5.321	ug/L		99
45) 1,1,2-Trichloroethane	8.393	97	21851	5.578	ug/L		98
47) Tetrachloroethene	8.547	164	24297	5.158	ug/L		98
48) 2-Hexanone	8.676	43	124478	55.542	ug/L		99
49) Dibromochloromethane	8.801	129	25513	5.634	ug/L		99
50) 1,2-Dibromoethane	8.917	107	19484	5.439	ug/L	#	96
51) Chlorobenzene	9.441	112	87474	5.407	ug/L		97
52) Ethylbenzene	9.563	91	155351	5.484	ug/L		98
53) m,p-Xylene	9.685	106	57300	5.649	ug/L		99
54) o-Xylene	10.094	106	54652	5.496	ug/L		99
55) Styrene	10.110	104	88867	5.554	ug/L		100
57) 1,1,2,2-Tetrachloroethane	10.775	83	27102	5.609	ug/L		100
59) Bromoform	10.283	173	12395	5.213	ug/L		96
60) Isopropylbenzene	10.476	105	138825	5.329	ug/L		99
61) 1,2,3-Trichloropropane	10.814	75	19561	5.387	ug/L		99
62) 1,3,5-Trimethylbenzene	11.081	105	112263	5.284	ug/L		100
63) 1,2,4-Trimethylbenzene	11.463	105	115430	5.321	ug/L		99
64) 1,3-Dichlorobenzene	11.740	146	66967	5.292	ug/L		100
65) 1,4-Dichlorobenzene	11.830	146	65037	5.275	ug/L		100
67) 1,2-Dichlorobenzene	12.206	146	58439	5.077	ug/L		100
68) 1,2-Dibromo-3-chloropr...	12.991	75	3493	5.673	ug/L		98
69) 1,3,5-Trichlorobenzene	13.213	180	47218	5.046	ug/L		99
70) 1,2,4-trichlorobenzene	13.833	180	35487	4.918	ug/L		97
71) Naphthalene	14.081	128	44216	4.472	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	29745	4.992	ug/L		98

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

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