Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041224\
Data File : VU058665.D
Acq On : 12 Apr 2024 19:45
Operator : MD/SY
Sample : P2014-21MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0ME5MS

Quant Time: Apr 13 00:08:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 12 23:43:07 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	76945	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	74803	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37013	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17933	3.520	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.400%			
7) Chloroethane-d5	1.904	69	17457	3.943	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.800%			
11) 1,1-Dichloroethene-d2	2.560	65	8804	3.818	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.400%			
20) 2-Butanone-d5	4.615	46	52990	49.359	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.720%			
24) Chloroform-d	5.052	84	48173	4.737	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.800%			
26) 1,2-Dichloroethane-d4	5.695	65	22199	4.678	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.600%			
32) Benzene-d6	5.717	84	84521	4.197	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.000%			
36) 1,2-Dichloropropane-d6	6.679	67	28857	4.569	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.400%			
41) Toluene-d8	7.891	98	74436	4.168	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.400%			
43) trans-1,3-Dichloroprop...	8.174	79	9014	4.598	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.000%			
46) 2-Hexanone-d5	8.627	63	39390	48.714	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.420%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20790	4.663	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	24589	3.944	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 78.800%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	24386	3.802	ug/L	100
3) Chloromethane	1.515	50	30957	3.944	ug/L	98
5) Vinyl chloride	1.599	62	31423	4.009	ug/L	99
6) Bromomethane	1.849	94	13284	3.582	ug/L	95
8) Chloroethane	1.927	64	21221	4.285	ug/L	97
9) Trichlorofluoromethane	2.132	101	43769	4.228	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	26278	4.272	ug/L	96
12) 1,1-Dichloroethene	2.573	96	22311	4.091	ug/L	93
13) Acetone	2.621	43	35719	38.982	ug/L	100
14) Carbon disulfide	2.785	76	66520	3.840	ug/L	98
15) Methyl Acetate	2.946	43	9612	4.446	ug/L	95
16) Methylene chloride	3.036	84	27809	3.843	ug/L	99
17) Methyl tert-butyl Ether	3.348	73	54837	4.257	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	25015	4.377	ug/L	96
19) 1,1-Dichloroethane	3.856	63	57826	4.636	ug/L	97
21) 2-Butanone	4.695	43	59266	43.274	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	27992	4.361	ug/L	92
23) Bromochloromethane	4.965	128	11178	4.420	ug/L	93
25) Chloroform	5.074	83	56690	4.695	ug/L	100

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27) 1,2-Dichloroethane	5.785	62	33883	4.609	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	44433	4.430	ug/L	98
30) Cyclohexane	5.380	56	42842	4.045	ug/L	98
31) Carbon tetrachloride	5.515	117	38771	4.565	ug/L	97
33) Benzene	5.766	78	119563	4.409	ug/L	100
34) Trichloroethene	6.534	95	28504	4.170	ug/L	97
35) Methylcyclohexane	6.756	83	40947	3.976	ug/L	95
37) 1,2-Dichloropropane	6.778	63	33836	4.743	ug/L	99
38) Bromodichloromethane	7.097	83	37053	4.550	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	39474	4.351	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	155098	46.188	ug/L	98
42) Toluene	7.962	91	123321	4.336	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	32037	4.478	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	18662	4.479	ug/L	98
47) Tetrachloroethene	8.547	164	20806	4.152	ug/L	97
48) 2-Hexanone	8.679	43	112162	47.050	ug/L	96
49) Dibromochloromethane	8.801	129	21880	4.542	ug/L	100
50) 1,2-Dibromoethane	8.917	107	16996	4.460	ug/L	97
51) Chlorobenzene	9.441	112	74268	4.316	ug/L	99
52) Ethylbenzene	9.563	91	130727	4.339	ug/L	100
53) m,p-Xylene	9.688	106	46475	4.307	ug/L	98
54) o-Xylene	10.093	106	45898	4.339	ug/L	98
55) Styrene	10.106	104	60407	3.549	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	24088	4.687	ug/L	97
59) Bromoform	10.283	173	11219	4.537	ug/L	97
60) Isopropylbenzene	10.476	105	116116	4.285	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	17017	4.506	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	89896	4.068	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	87810	3.892	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	55792	4.239	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	54899	4.281	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	50878	4.249	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	3071	4.795	ug/L	88
69) 1,3,5-Trichlorobenzene	13.212	180	38674	3.973	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	27031	3.602	ug/L	99
71) Naphthalene	14.084	128	30038	2.921	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	22303	3.598	ug/L	99

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

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