Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
Data File : VU046586.D
Acq On : 23 Dec 2021 23:25
Operator : SY/MD
Sample : M5170-08MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AO4MSD

Quant Time: Dec 24 05:00:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 24 04:54:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	81505	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	78812	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	40996	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	21968	3.422	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 68.400%			
7) Chloroethane-d5	1.919	69	19553	3.868	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.400%			
11) 1,1-Dichloroethene-d2	2.571	65	9711	3.587	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.800%			
20) 2-Butanone-d5	4.658	46	88684	47.623	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.240%			
24) Chloroform-d	5.066	84	51662	4.392	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.800%			
26) 1,2-Dichloroethane-d4	5.706	65	29490	4.385	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.800%			
32) Benzene-d6	5.729	84	89576	4.077	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.600%			
36) 1,2-Dichloropropane-d6	6.693	67	28987	4.391	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.800%			
41) Toluene-d8	7.899	98	78453	3.935	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.600%			
43) trans-1,3-Dichloroprop...	8.179	79	12871	4.215	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.400%			
46) 2-Hexanone-d5	8.635	63	91031	50.781	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.560%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32650	4.819	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.400%			
66) 1,2-Dichlorobenzene-d4	12.195	152	33936	4.494	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	64937	5.207	ug/L	98
3) Chloromethane	1.523	50	48155	4.483	ug/L	99
5) Vinyl chloride	1.607	62	49182	4.651	ug/L	100
6) Bromomethane	1.864	94	28006	4.400	ug/L	98
8) Chloroethane	1.941	64	28936	4.661	ug/L	98
9) Trichlorofluoromethane	2.144	101	70382	5.089	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	36782	5.224	ug/L	95
12) 1,1-Dichloroethene	2.584	96	35243	4.916	ug/L #	78
13) Acetone	2.684	43	69530	39.824	ug/L	90
14) Carbon disulfide	2.800	76	115646	4.938	ug/L	99
15) Methyl Acetate	2.967	43	15192	4.308	ug/L	91
16) Methylene chloride	3.051	84	38897	4.459	ug/L	94
17) Methyl tert-butyl Ether	3.369	73	100674	4.814	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	37207	4.865	ug/L	97
19) 1,1-Dichloroethane	3.874	63	66825	4.742	ug/L	100
21) 2-Butanone	4.735	43	115491	43.600	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	45603	5.455	ug/L	95
23) Bromochloromethane	4.980	128	19820	4.763	ug/L	89
25) Chloroform	5.092	83	71588	4.703	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	50733	4.669	ug/L	97
29) 1,1,1-Trichloroethane	5.321	97	65957	5.061	ug/L	98
30) Cyclohexane	5.391	56	56471	5.238	ug/L	94
31) Carbon tetrachloride	5.529	117	55895	5.112	ug/L	99
33) Benzene	5.777	78	172926	5.522	ug/L	100
34) Trichloroethene	6.542	95	46737	5.662	ug/L	98
35) Methylcyclohexane	6.767	83	60775	5.222	ug/L	97
37) 1,2-Dichloropropane	6.793	63	38827	4.861	ug/L	98
38) Bromodichloromethane	7.108	83	53839	4.870	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	58582	4.845	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	292913	48.852	ug/L	95
42) Toluene	7.970	91	196893	6.126	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	54885	4.898	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	31754	4.610	ug/L	97
47) Tetrachloroethene	8.555	164	33706	5.770	ug/L	93
48) 2-Hexanone	8.687	43	216670	48.387	ug/L	97
49) Dibromochloromethane	8.812	129	37735	4.749	ug/L	96
50) 1,2-Dibromoethane	8.925	107	32035	4.818	ug/L	98
51) Chlorobenzene	9.449	112	103644	5.045	ug/L	98
52) Ethylbenzene	9.571	91	184850	5.556	ug/L	99
53) m,p-Xylene	9.693	106	77140	6.052	ug/L	94
54) o-Xylene	10.102	106	70319	5.742	ug/L	96
55) Styrene	10.115	104	116934	5.505	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	44000	4.888	ug/L	95
59) Bromoform	10.291	173	22656	4.783	ug/L	96
60) Isopropylbenzene	10.484	105	179275	5.670	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	32668	4.798	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	152915	5.815	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	168692	6.371	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	81547	5.306	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	82980	5.274	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	82417	5.347	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	8063	5.116	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	63183	5.432	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	55336	5.617	ug/L	99
71) Naphthalene	14.085	128	149479	6.832	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	55892	5.730	ug/L	99

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

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