Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
Data File : VU044496.D
Acq On : 23 Aug 2021 12:39
Operator : SY/MD
Sample : M3515-03MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4555MSD

Manual Integrations APPROVED
SAM
8/24/2021 11:22:01 AM

Quant Time: Aug 24 03:58:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 24 03:56:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	126406	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	124973	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	62939	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	39537	3.867	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.400%			
7) Chloroethane-d5	1.916	69	38216	4.301	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.000%			
11) 1,1-Dichloroethene-d2	2.572	65	18077	4.157	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.200%			
20) 2-Butanone-d5	4.636	46	140610	49.731	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.460%			
24) Chloroform-d	5.073	84	85668	4.739	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.800%			
26) 1,2-Dichloroethane-d4	5.710	65	46176	4.684	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.600%			
32) Benzene-d6	5.736	84	164717	4.681	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.600%			
36) 1,2-Dichloropropane-d6	6.700	67	53490	4.751	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.000%			
41) Toluene-d8	7.903	98	147208	4.717	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.400%			
43) trans-1,3-Dichloroprop...	8.186	79	19867	4.914	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.200%			
46) 2-Hexanone-d5	8.642	63	116565	53.313	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.620%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	46033	4.855	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.000%			
66) 1,2-Dichlorobenzene-d4	12.198	152	50565	4.755	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	62472	4.806	ug/L	99
3) Chloromethane	1.520	50	105649	6.204	ug/L	100
5) Vinyl chloride	1.607	62	75637	4.804	ug/L	100
6) Bromomethane	1.861	94	43021	5.027	ug/L	99
8) Chloroethane	1.938	64	47555	4.941	ug/L	99
9) Trichlorofluoromethane	2.141	101	86448	4.802	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	47952	4.841	ug/L	99
12) 1,1-Dichloroethene	2.584	96	46203	4.756	ug/L	97
13) Acetone	2.639	43	104472m	44.498	ug/L	
14) Carbon disulfide	2.800	76	151193	4.798	ug/L	100
15) Methyl Acetate	2.957	43	22132	5.772	ug/L	98
16) Methylene chloride	3.051	84	55349	3.835	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	136785	5.444	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	50471	4.986	ug/L	99
19) 1,1-Dichloroethane	3.877	63	98508	5.020	ug/L	97
21) 2-Butanone	4.716	43	169628	50.700	ug/L	91
22) cis-1,2-Dichloroethene	4.674	96	54934	5.076	ug/L	99
23) Bromochloromethane	4.980	128	24407	5.116	ug/L	97
25) Chloroform	5.096	83	101020	5.018	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	68593	5.108	ug/L	96
29) 1,1,1-Trichloroethane	5.324	97	80631	5.155	ug/L	99
30) Cyclohexane	5.398	56	86405	4.997	ug/L	99
31) Carbon tetrachloride	5.533	117	66151	5.147	ug/L	99
33) Benzene	5.781	78	217567	5.131	ug/L	100
34) Trichloroethene	6.549	95	52369	4.996	ug/L	100
35) Methylcyclohexane	6.771	83	85953	4.916	ug/L	99
37) 1,2-Dichloropropane	6.800	63	57197	5.152	ug/L	100
38) Bromodichloromethane	7.112	83	69509	5.099	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	79650	5.115	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	410519	54.456	ug/L	100
42) Toluene	7.977	91	225385	5.103	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	69449	5.262	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	41292	5.215	ug/L	97
47) Tetrachloroethene	8.559	164	35997	4.966	ug/L	99
48) 2-Hexanone	8.694	43	297274	55.265	ug/L	98
49) Dibromochloromethane	8.816	129	43234	5.160	ug/L	100
50) 1,2-Dibromoethane	8.928	107	39592	5.228	ug/L	99
51) Chlorobenzene	9.452	112	135694	5.006	ug/L	99
52) Ethylbenzene	9.575	91	236345	5.066	ug/L	99
53) m,p-Xylene	9.700	106	91428	5.212	ug/L	96
54) o-Xylene	10.105	106	89216	5.222	ug/L	99
55) Styrene	10.118	104	144687	5.165	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	55274	5.302	ug/L	99
59) Bromoform	10.295	173	22806	5.129	ug/L	100
60) Isopropylbenzene	10.491	105	232447	5.061	ug/L	100
61) 1,2,3-Trichloropropane	10.829	75	40550	5.156	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	191534	5.100	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	196921	5.113	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	100504	4.983	ug/L	100
65) 1,4-Dichlorobenzene	11.841	146	100414	4.928	ug/L	98
67) 1,2-Dichlorobenzene	12.218	146	98603	5.129	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	8643	5.372	ug/L	98
69) 1,3,5-Trichlorobenzene	13.224	180	68924	4.854	ug/L	100
70) 1,2,4-trichlorobenzene	13.845	180	56439	5.071	ug/L	100
71) Naphthalene	14.092	128	113990	5.372	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	54242	5.323	ug/L	99

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

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