Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121621\
Data File : VV024050.D
Acq On : 17 Dec 2021 06:53
Operator : SY/MD
Sample : M5133-03MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBBH3MSD

Quant Time: Dec 17 07:45:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 16 04:44:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	95366	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	100222	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58904	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	23807	4.644	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.800%			
7) Chloroethane-d5	1.568	69	20806	4.864	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.200%			
11) 1,1-Dichloroethene-d2	2.108	63	54679	5.464	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 109.200%			
20) 2-Butanone-d5	3.905	46	44443	44.371	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.740%			
24) Chloroform-d	4.349	84	58136	5.006	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.200%			
26) 1,2-Dichloroethane-d4	5.037	65	26600	4.920	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.400%			
32) Benzene-d6	5.050	84	104162	5.247	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.000%			
36) 1,2-Dichloropropane-d6	6.072	67	28843	4.816	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.400%			
41) Toluene-d8	7.317	98	103350	5.783	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 115.600%			
43) trans-1,3-Dichloroprop...	7.625	79	11030	4.439	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.800%			
46) 2-Hexanone-d5	8.088	63	42864	38.539	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 77.080%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	20945	4.216	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.400%			
66) 1,2-Dichlorobenzene-d4	11.622	152	39406	5.008	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	41590	5.011	ug/L	98
3) Chloromethane	1.240	50	37069	5.227	ug/L	99
5) Vinyl chloride	1.311	62	40766	5.300	ug/L	98
6) Bromomethane	1.523	94	25782	5.274	ug/L	99
8) Chloroethane	1.584	64	27145	5.423	ug/L	100
9) Trichlorofluoromethane	1.751	101	74632	5.584	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	38035	5.403	ug/L	98
12) 1,1-Dichloroethene	2.118	96	35371	5.528	ug/L	95
13) Acetone	2.192	43	47560	59.351	ug/L	77
14) Carbon disulfide	2.294	76	90700	4.887	ug/L	99
15) Methyl Acetate	2.439	43	10559	5.436	ug/L #	80
16) Methylene chloride	2.507	84	37997	4.539	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	79291	5.480	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	38666	5.459	ug/L	99
19) 1,1-Dichloroethane	3.191	63	69781	5.489	ug/L	99
21) 2-Butanone	3.986	43	60584	52.914	ug/L	89
22) cis-1,2-Dichloroethene	3.912	96	40764	5.437	ug/L	96
23) Bromochloromethane	4.249	128	19265	5.655	ug/L	99
25) Chloroform	4.375	83	87644	6.202	ug/L	99

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Quant Time: Dec 17 07:45:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 16 04:44:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	43380	5.666	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	74327	5.669	ug/L	99
30) Cyclohexane	4.680	56	51395	4.942	ug/L	98
31) Carbon tetrachloride	4.828	117	76929	6.241	ug/L	100
33) Benzene	5.098	78	155655	5.490	ug/L	100
34) Trichloroethene	5.915	95	42751	5.346	ug/L	97
35) Methylcyclohexane	6.130	83	55827	4.743	ug/L	97
37) 1,2-Dichloropropane	6.172	63	37832	5.614	ug/L	99
38) Bromodichloromethane	6.510	83	52615	5.512	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	48232	4.821	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	184695	57.056	ug/L	98
42) Toluene	7.387	91	174779	5.478	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	42044	4.862	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	27467	5.509	ug/L	99
47) Tetrachloroethene	7.976	164	38705	5.498	ug/L	99
48) 2-Hexanone	8.140	43	132595	56.491	ug/L	97
49) Dibromochloromethane	8.246	129	35337	5.210	ug/L	98
50) 1,2-Dibromoethane	8.352	107	25122	5.428	ug/L	87
51) Chlorobenzene	8.883	112	114904	5.388	ug/L	99
52) Ethylbenzene	9.011	91	178812	5.311	ug/L	98
53) m,p-xylene	9.140	106	71436	5.365	ug/L	98
54) o-xylene	9.542	106	70043	5.440	ug/L	100
55) Styrene	9.561	104	99886	4.660	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	28834	5.282	ug/L	97
59) Bromoform	9.731	173	18891	4.997	ug/L	99
60) Isopropylbenzene	9.931	105	186144	5.382	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	21129	5.265	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	154089	5.371	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	154609	5.409	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	96739	5.469	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	93812	5.281	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	87937	5.427	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4759	5.430	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	71926	4.944	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	54224	4.746	ug/L	96
71) Naphthalene	13.503	128	81171	4.943	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	51454	5.101	ug/L	98

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

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