Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121921\
Data File : VV024089.D
Acq On : 19 Dec 2021 15:28
Operator : SY/MD
Sample : M5134-03MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GBBK3MS

Quant Time: Dec 20 01:37:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Dec 20 01:35:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	100356	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	107799	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63988	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	20512	3.802	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.000%			
7) Chloroethane-d5	1.568	69	19089	4.241	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.800%			
11) 1,1-Dichloroethene-d2	2.111	63	51890	4.927	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.600%			
20) 2-Butanone-d5	3.902	46	47524	45.088	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.180%			
24) Chloroform-d	4.349	84	54857	4.489	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.800%			
26) 1,2-Dichloroethane-d4	5.034	65	25895	4.551	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.000%			
32) Benzene-d6	5.053	84	95434	4.470	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.400%			
36) 1,2-Dichloropropane-d6	6.069	67	27413	4.256	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.200%			
41) Toluene-d8	7.317	98	96777	5.035	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.600%			
43) trans-1,3-Dichloroprop...	7.622	79	11632	4.353	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.000%			
46) 2-Hexanone-d5	8.091	63	43209	36.119	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 72.240%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	20768	3.886	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 77.800%			
66) 1,2-Dichlorobenzene-d4	11.622	152	40219	4.705	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	41516	4.753	ug/L	98
3) Chloromethane	1.240	50	35616	4.772	ug/L	97
5) Vinyl chloride	1.310	62	39643	4.897	ug/L	100
6) Bromomethane	1.523	94	26141	5.082	ug/L	99
8) Chloroethane	1.587	64	25952	4.927	ug/L	99
9) Trichlorofluoromethane	1.754	101	74882	5.324	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	39046	5.271	ug/L	99
12) 1,1-Dichloroethene	2.121	96	35318	5.245	ug/L	92
13) Acetone	2.188	43	64933	77.002	ug/L	85
14) Carbon disulfide	2.294	76	85126	4.359	ug/L	99
15) Methyl Acetate	2.439	43	9637	4.715	ug/L #	89
16) Methylene chloride	2.506	84	38287	4.347	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	81508	5.353	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	37050	4.971	ug/L	99
19) 1,1-Dichloroethane	3.191	63	68181	5.097	ug/L	97
21) 2-Butanone	3.982	43	78783	65.388	ug/L	94
22) cis-1,2-Dichloroethene	3.912	96	41233	5.226	ug/L	95
23) Bromochloromethane	4.249	128	19144	5.340	ug/L	90
25) Chloroform	4.375	83	79079	5.318	ug/L	99

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Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	44550	5.530	ug/L	95
29) 1,1,1-Trichloroethane	4.609	97	73295	5.197	ug/L	99
30) Cyclohexane	4.677	56	55475	4.959	ug/L	99
31) Carbon tetrachloride	4.828	117	92515	6.978	ug/L	99
33) Benzene	5.101	78	154810	5.076	ug/L	100
34) Trichloroethene	5.915	95	41779	4.857	ug/L	97
35) Methylcyclohexane	6.130	83	58257	4.602	ug/L	97
37) 1,2-Dichloropropane	6.172	63	38033	5.247	ug/L	99
38) Bromodichloromethane	6.509	83	53709	5.231	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	51127	4.752	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	193827	55.668	ug/L	98
42) Toluene	7.387	91	176349	5.138	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	44956	4.834	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	28265	5.271	ug/L	99
47) Tetrachloroethene	7.976	164	36506	4.821	ug/L	97
48) 2-Hexanone	8.140	43	139852	55.395	ug/L	98
49) Dibromochloromethane	8.246	129	36106	4.949	ug/L	98
50) 1,2-Dibromoethane	8.352	107	25110	5.044	ug/L	90
51) Chlorobenzene	8.879	112	113509	4.948	ug/L	98
52) Ethylbenzene	9.011	91	182790	5.048	ug/L	98
53) m,p-xylene	9.136	106	73844	5.156	ug/L	95
54) o-xylene	9.542	106	70848	5.116	ug/L	98
55) Styrene	9.561	104	122534	5.315	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	28742	4.895	ug/L	98
59) Bromoform	9.731	173	19533	4.756	ug/L	97
60) Isopropylbenzene	9.931	105	193790	5.158	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	22041	5.056	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	157912	5.067	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	159333	5.132	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	99446	5.176	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	98698	5.114	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	93396	5.306	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4693	4.929	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	77970	4.934	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	59615	4.803	ug/L	99
71) Naphthalene	13.503	128	83585	4.685	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	52001	4.745	ug/L	98

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

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