Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031622\
Data File : VU047585.D
Acq On : 16 Mar 2022 11:28
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005104

Quant Time: Mar 17 00:46:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Mar 16 06:43:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	131698	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	129998	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	72738	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	34658	4.024	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.400%			
7) Chloroethane-d5	1.919	69	37969	4.857	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.200%			
11) 1,1-Dichloroethene-d2	2.571	65	14745	3.651	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.000%			
20) 2-Butanone-d5	4.642	46	165574	66.812	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 133.620%#			
24) Chloroform-d	5.067	84	97478	5.154	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.000%			
26) 1,2-Dichloroethane-d4	5.706	65	54083	5.277	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.600%			
32) Benzene-d6	5.732	84	169771	4.486	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.800%			
36) 1,2-Dichloropropane-d6	6.693	67	58888	4.948	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.000%			
41) Toluene-d8	7.899	98	145900	4.112	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.200%			
43) trans-1,3-Dichloroprop...	8.182	79	24533	4.904	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.000%			
46) 2-Hexanone-d5	8.636	63	150053	57.857	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 115.720%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	63533	5.346	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.000%			
66) 1,2-Dichlorobenzene-d4	12.195	152	72286	4.756	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	42143	5.201	ug/L	100
3) Chloromethane	1.523	50	38390	4.831	ug/L	99
5) Vinyl chloride	1.607	62	41333	5.044	ug/L	98
6) Bromomethane	1.864	94	19651	5.097	ug/L	95
8) Chloroethane	1.938	64	25462	5.141	ug/L	98
9) Trichlorofluoromethane	2.144	101	59409	5.529	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	36133	5.327	ug/L	97
12) 1,1-Dichloroethene	2.584	96	33284	5.073	ug/L	85
13) Acetone	2.655	43	54529	56.432	ug/L	98
14) Carbon disulfide	2.800	76	94373	4.781	ug/L	98
15) Methyl Acetate	2.964	43	12296	4.610	ug/L	99
16) Methylene chloride	3.051	84	38258	3.953	ug/L	100
17) Methyl tert-butyl Ether	3.369	73	82544	4.903	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	35050	4.970	ug/L	97
19) 1,1-Dichloroethane	3.877	63	63033	5.081	ug/L	99
21) 2-Butanone	4.722	43	92394	50.257	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	39609	5.062	ug/L	99
23) Bromochloromethane	4.983	128	20012	5.039	ug/L	97
25) Chloroform	5.092	83	68527	5.024	ug/L	96

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005104

Quant Time: Mar 17 00:46:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	42690	4.893	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	57749	4.995	ug/L	98
30) Cyclohexane	5.394	56	48454	4.854	ug/L	99
31) Carbon tetrachloride	5.530	117	53504	5.261	ug/L	99
33) Benzene	5.777	78	147024	5.006	ug/L	100
34) Trichloroethene	6.546	95	39477	5.072	ug/L	99
35) Methylcyclohexane	6.767	83	57405	5.125	ug/L	99
37) 1,2-Dichloropropane	6.793	63	38008	5.049	ug/L	99
38) Bromodichloromethane	7.108	83	51544	4.973	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	55461	4.741	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	232975	44.402	ug/L	99
42) Toluene	7.973	91	161269	5.064	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	50754	4.864	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	31482	4.879	ug/L	95
47) Tetrachloroethene	8.555	164	34377	5.178	ug/L	98
48) 2-Hexanone	8.687	43	179602	44.977	ug/L	99
49) Dibromochloromethane	8.812	129	40864	5.141	ug/L	99
50) 1,2-Dibromoethane	8.928	107	31212	4.891	ug/L	99
51) Chlorobenzene	9.449	112	109018	5.013	ug/L	99
52) Ethylbenzene	9.571	91	167829	4.976	ug/L	99
53) m,p-Xylene	9.697	106	65369	5.013	ug/L	98
54) o-Xylene	10.102	106	63820	4.954	ug/L	100
55) Styrene	10.118	104	112642	5.092	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	41227	4.765	ug/L	97
59) Bromoform	10.291	173	26050	5.077	ug/L	97
60) Isopropylbenzene	10.484	105	168079	5.115	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	28083	4.603	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	104526	4.982	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	138189	5.074	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	94203	5.140	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	95644	5.109	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	90779	5.010	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	6545	4.472	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	79187	5.111	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	68422	5.021	ug/L	97
71) Naphthalene	14.089	128	109972	4.347	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	63177	4.831	ug/L	99

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

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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