Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041322\
Data File : VV025487.D
Acq On : 13 Apr 2022 11:49
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005374

Quant Time: Apr 14 02:27:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 13 02:31:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	191534	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	188769	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	104606	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	90305	5.071	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.400%			
7) Chloroethane-d5	1.571	69	75430	3.982	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.600%			
11) 1,1-Dichloroethene-d2	2.111	63	180867	5.070	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.400%			
20) 2-Butanone-d5	3.899	46	97354	44.945	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.900%			
24) Chloroform-d	4.346	84	127634	4.743	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.800%			
26) 1,2-Dichloroethane-d4	5.031	65	54243	4.678	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.600%			
32) Benzene-d6	5.047	84	252985	4.632	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.600%			
36) 1,2-Dichloropropane-d6	6.066	67	69833	4.585	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.600%			
41) Toluene-d8	7.313	98	238163	4.699	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.000%			
43) trans-1,3-Dichloroprop...	7.622	79	23834	4.655	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.200%			
46) 2-Hexanone-d5	8.088	63	78464	43.667	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.340%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42656	4.433	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.600%			
66) 1,2-Dichlorobenzene-d4	11.622	152	76662	4.371	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.134	85	82461	4.766	ug/L	100
3) Chloromethane	1.243	50	99005	5.266	ug/L	98
5) Vinyl chloride	1.314	62	108325	5.099	ug/L	99
6) Bromomethane	1.526	94	64360	4.201	ug/L	99
8) Chloroethane	1.587	64	70092	4.274	ug/L	97
9) Trichlorofluoromethane	1.757	101	149835	5.021	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	84457	5.038	ug/L	97
12) 1,1-Dichloroethene	2.121	96	83534	5.028	ug/L	91
13) Acetone	2.198	43	75367	51.263	ug/L	92
14) Carbon disulfide	2.297	76	182772	4.596	ug/L	99
15) Methyl Acetate	2.445	43	16183	4.953	ug/L	99
16) Methylene chloride	2.510	84	67159	4.170	ug/L	100
17) Methyl tert-butyl Ether	2.770	73	120183	4.675	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	67435	4.844	ug/L	94
19) 1,1-Dichloroethane	3.188	63	115859	4.914	ug/L	97
21) 2-Butanone	3.986	43	103539	50.967	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	70459	4.808	ug/L	96
23) Bromochloromethane	4.249	128	28207	4.636	ug/L	99
25) Chloroform	4.371	83	125652	5.049	ug/L	96

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ClientSampleId :
VSTD005374

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	67063	5.107	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	108137	4.857	ug/L	100
30) Cyclohexane	4.677	56	91973	4.544	ug/L	99
31) Carbon tetrachloride	4.825	117	92618	4.919	ug/L	99
33) Benzene	5.098	78	270000	4.842	ug/L	100
34) Trichloroethene	5.912	95	70831	4.784	ug/L	99
35) Methylcyclohexane	6.127	83	109127	4.619	ug/L	99
37) 1,2-Dichloropropane	6.169	63	62988	4.883	ug/L	100
38) Bromodichloromethane	6.506	83	79291	4.951	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	83309	4.928	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	268525	51.987	ug/L	98
42) Toluene	7.384	91	297130	4.899	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	64528	4.913	ug/L	95
45) 1,1,2-Trichloroethane	7.834	97	41818	4.841	ug/L	98
47) Tetrachloroethene	7.973	164	52831	4.558	ug/L	98
48) 2-Hexanone	8.136	43	196252	54.520	ug/L	95
49) Dibromochloromethane	8.243	129	48899	5.156	ug/L	100
50) 1,2-Dibromoethane	8.349	107	38496	4.744	ug/L	98
51) Chlorobenzene	8.879	112	186717	4.821	ug/L	99
52) Ethylbenzene	9.011	91	307175	4.748	ug/L	100
53) m,p-Xylene	9.136	106	123388	5.016	ug/L	100
54) o-Xylene	9.542	106	116952	4.895	ug/L	96
55) Styrene	9.558	104	196770	5.065	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	41830	4.846	ug/L	97
59) Bromoform	9.728	173	20412	4.727	ug/L	99
60) Isopropylbenzene	9.927	105	308502	4.765	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	33430	4.852	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	132841	4.601	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	247426	4.756	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	144142	4.769	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	143565	4.679	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	124547	4.653	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6234	5.234	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	103640	4.507	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	78200	4.411	ug/L	98
71) Naphthalene	13.500	128	113483	4.364	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	65601	4.469	ug/L	99

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

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