Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082422\
Data File : VV027489.D
Acq On : 24 Aug 2022 10:32
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

Quant Time: Aug 25 06:22:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Aug 24 02:11:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	124898	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	126326	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74231	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40607	4.568	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.400%			
7) Chloroethane-d5	1.564	69	40045	6.155	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 123.200%			
11) 1,1-Dichloroethene-d2	2.108	63	105312	5.081	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.600%			
20) 2-Butanone-d5	3.889	46	45213	40.871	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 81.740%			
24) Chloroform-d	4.342	84	84319	4.744	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.800%			
26) 1,2-Dichloroethane-d4	5.031	65	35954	4.676	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.600%			
32) Benzene-d6	5.043	84	149599	4.275	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.600%			
36) 1,2-Dichloropropane-d6	6.066	67	42509	4.179	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.600%			
41) Toluene-d8	7.313	98	144554	4.575	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.600%			
43) trans-1,3-Dichloroprop...	7.622	79	14906	4.279	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.600%			
46) 2-Hexanone-d5	8.092	63	50412	43.967	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.940%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	29659	4.578	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.600%			
66) 1,2-Dichlorobenzene-d4	11.622	152	48344	4.393	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	65982	4.979	ug/L	98
3) Chloromethane	1.240	50	60749	5.249	ug/L	98
5) Vinyl chloride	1.310	62	62714	5.383	ug/L	99
6) Bromomethane	1.519	94	37755	6.554	ug/L	98
8) Chloroethane	1.584	64	45356	6.662	ug/L	99
9) Trichlorofluoromethane	1.751	101	104542	5.648	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	59970	5.740	ug/L	96
12) 1,1-Dichloroethene	2.114	96	52356	5.540	ug/L	93
13) Acetone	2.172	43	45524	43.091	ug/L	98
14) Carbon disulfide	2.291	76	125115	4.824	ug/L	100
15) Methyl Acetate	2.433	43	12279	4.197	ug/L #	86
16) Methylene chloride	2.503	84	57049	4.004	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	94993	4.858	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	49672	5.102	ug/L	99
19) 1,1-Dichloroethane	3.185	63	101093	5.016	ug/L	99
21) 2-Butanone	3.973	43	59906	42.609	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	51399	4.954	ug/L	95
23) Bromochloromethane	4.243	128	22736	4.969	ug/L	87
25) Chloroform	4.368	83	111227	5.075	ug/L	97

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ClientSampleId :
VSTD005382

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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	5.127	62	57515	5.165	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	98587	5.084	ug/L	99
30) Cyclohexane	4.674	56	68686	4.615	ug/L	97
31) Carbon tetrachloride	4.822	117	85104	5.047	ug/L	98
33) Benzene	5.095	78	213004	5.071	ug/L	100
34) Trichloroethene	5.912	95	53275	4.820	ug/L	97
35) Methylcyclohexane	6.127	83	74482	4.791	ug/L	97
37) 1,2-Dichloropropane	6.169	63	53586	4.785	ug/L	99
38) Bromodichloromethane	6.506	83	73169	5.154	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	65661	4.863	ug/L	94
40) 4-Methyl-2-pentanone	7.223	43	242316	48.433	ug/L	97
42) Toluene	7.384	91	235813	5.439	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	55802	4.889	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	36658	5.121	ug/L	94
47) Tetrachloroethene	7.973	164	43123	5.008	ug/L	98
48) 2-Hexanone	8.140	43	172140	47.749	ug/L	95
49) Dibromochloromethane	8.243	129	46060	5.232	ug/L	100
50) 1,2-Dibromoethane	8.349	107	32459	5.195	ug/L	96
51) Chlorobenzene	8.879	112	140778	5.017	ug/L	98
52) Ethylbenzene	9.011	91	226930	5.128	ug/L	100
53) m,p-Xylene	9.136	106	88668	5.236	ug/L	98
54) o-Xylene	9.542	106	84329	5.134	ug/L	99
55) Styrene	9.558	104	152394	5.453	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	40824	5.063	ug/L	98
59) Bromoform	9.731	173	23428	4.709	ug/L	100
60) Isopropylbenzene	9.931	105	231769	4.745	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	29480	4.527	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	62680	4.628	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	179812	4.712	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	123932	5.150	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	125172	5.218	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	111979	5.133	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6385	4.413	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	87827	4.889	ug/L	97
70) 1,2,4-trichlorobenzene	13.259	180	60532	4.637	ug/L	99
71) Naphthalene	13.500	128	73053	4.054	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	52265	4.508	ug/L	99

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

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