Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101122\
Data File : VV028523.D
Acq On : 11 Oct 2022 16:04
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 12 00:30:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 12 00:26:27 2022
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD050358

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	299662	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	267917	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	146985	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	103945	44.955	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.900%			
7) Chloroethane-d5	1.564	69	80154	43.719	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.440%			
11) 1,1-Dichloroethene-d2	2.105	63	186666	47.435	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.860%			
21) 2-Butanone-d5	3.886	46	167804	82.903	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 82.900%			
24) Chloroform-d	4.336	84	226300	53.364	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.720%			
26) 1,2-Dichloroethane-d4	5.021	65	150544	55.045	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.100%			
32) Benzene-d6	5.040	84	442538	51.548	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.100%			
36) 1,2-Dichloropropane-d6	6.059	67	132682	47.402	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.800%			
41) Toluene-d8	7.307	98	407959	53.077	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.160%			
43) trans-1,3-Dichloroprop...	7.612	79	73879	51.783	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.560%			
47) 2-Hexanone-d5	8.082	63	129974	85.361	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.360%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	166865	43.565	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.120%			
66) 1,2-Dichlorobenzene-d4	11.615	152	157872	51.836	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	136623	60.554	ug/L	100
3) Chloromethane	1.240	50	103556	40.770	ug/L	100
5) Vinyl chloride	1.307	62	107657	42.234	ug/L	98
6) Bromomethane	1.519	94	52740	45.376	ug/L	97
8) Chloroethane	1.580	64	65571	42.376	ug/L	95
9) Trichlorofluoromethane	1.748	101	181635	57.658	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	89713	50.248	ug/L	93
12) 1,1-Dichloroethene	2.111	96	86845	49.548	ug/L	95
13) Acetone	2.188	43	179127m	114.242	ug/L	
14) Carbon disulfide	2.288	76	284003	50.666	ug/L	99
15) Methyl Acetate	2.433	43	122515	46.278	ug/L	96
16) Methylene chloride	2.500	84	130467	57.279	ug/L	96
17) trans-1,2-Dichloroethene	2.751	96	111617	54.596	ug/L	93
18) Methyl tert-butyl Ether	2.760	73	422890	56.269	ug/L	97
19) 1,1-Dichloroethane	3.178	63	215955	51.710	ug/L	98
20) cis-1,2-Dichloroethene	3.899	96	128824	55.313	ug/L	94
22) 2-Butanone	3.969	43	204237	98.807	ug/L	91
23) Bromochloromethane	4.233	128	65541	57.907	ug/L	85
25) Chloroform	4.362	83	228376	56.014	ug/L	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	186685	59.761 ug/L	98
29) Cyclohexane	4.664	56	192132	49.858 ug/L	93
30) 1,1,1-Trichloroethane	4.596	97	211145	61.006 ug/L	98
31) Carbon tetrachloride	4.818	117	185447	64.008 ug/L	98
33) Benzene	5.088	78	474921	53.897 ug/L	100
34) Trichloroethene	5.905	95	119327	54.589 ug/L	93
35) Methylcyclohexane	6.120	83	205571	54.093 ug/L	96
37) 1,2-Dichloropropane	6.165	63	119760	50.695 ug/L	99
38) Bromodichloromethane	6.500	83	173215	56.281 ug/L	99
39) cis-1,3-Dichloropropene	7.018	75	206629	54.981 ug/L	96
40) 4-Methyl-2-pentanone	7.220	43	380628	94.471 ug/L	98
42) Toluene	7.378	91	503171	55.400 ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	199318	55.260 ug/L	100
45) 1,1,2-Trichloroethane	7.828	97	117851	53.860 ug/L	97
46) Tetrachloroethene	7.966	164	95200	60.611 ug/L	96
48) 2-Hexanone	8.130	43	296663	95.913 ug/L	98
49) Dibromochloromethane	8.236	129	132695	56.419 ug/L	99
50) 1,2-Dibromoethane	8.342	107	117562	51.890 ug/L	99
51) Chlorobenzene	8.873	112	321068	56.343 ug/L	95
52) Ethylbenzene	9.001	91	546579	55.214 ug/L	99
53) m,p-Xylene	9.130	106	212248	56.567 ug/L	98
54) o-Xylene	9.532	106	209946	55.882 ug/L	98
55) Styrene	9.551	104	363910	56.404 ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	180291	48.113 ug/L #	99
59) Bromoform	9.722	173	95857	52.663 ug/L	99
60) Isopropylbenzene	9.921	105	566416	53.478 ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	144835	46.286 ug/L	96
62) 1,3,5-Trimethylbenzene	10.529	105	493680	53.817 ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	489985	53.813 ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	259241	55.961 ug/L	97
65) 1,4-Dichlorobenzene	11.262	146	259133	56.059 ug/L	97
67) 1,2-Dichlorobenzene	11.632	146	258203	55.224 ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	45146	47.146 ug/L	99
69) 1,3,5-Trichlorobenzene	12.635	180	206569	58.710 ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	183159	59.060 ug/L	99
71) Naphthalene	13.490	128	518476	53.751 ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	180695	59.762 ug/L	98

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

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