Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111121\
Data File : VX025133.D
Acq On : 11 Nov 2021 16:06
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 12 04:59:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 11 16:29:23 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VICV636

Manual Integrations APPROVED

Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/12/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	211029	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	192427	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	101323	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	72258	50.683	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.360%			
7) Chloroethane-d5	1.666	69	46853	57.663	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 115.320%			
11) 1,1-Dichloroethene-d2	2.307	63	122533	49.972	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.940%			
21) 2-Butanone-d5	4.459	46	113710	105.544	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.540%			
24) Chloroform-d	5.062	84	128524	51.244	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.480%			
26) 1,2-Dichloroethane-d4	5.958	65	77285	50.837	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.680%			
32) Benzene-d6	5.977	84	266768	50.794	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.580%			
36) 1,2-Dichloropropane-d6	7.312	67	81600	50.885	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.760%			
41) Toluene-d8	8.653	98	255001	50.843	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.680%			
43) trans-1,3-Dichloroprop...	8.952	79	45045m	51.745	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.480%			
47) 2-Hexanone-d5	9.385	63	90090	104.619	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.620%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	116986	50.650	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.300%			
66) 1,2-Dichlorobenzene-d4	12.323	152	101067	50.318	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	83399	50.566	ug/L	98
3) Chloromethane	1.288	50	87999	49.284	ug/L	89
5) Vinyl chloride	1.374	62	91993	49.961	ug/L	100
6) Bromomethane	1.612	94	39345	55.685	ug/L	96
8) Chloroethane	1.685	64	50830	54.974	ug/L	97
9) Trichlorofluoromethane	1.886	101	134488	50.039	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	70073	50.314	ug/L	96
12) 1,1-Dichloroethene	2.319	96	66617	49.511	ug/L	87
13) Acetone	2.386	43	99965	98.915	ug/L	98
14) Carbon disulfide	2.514	76	199839	48.204	ug/L	99
15) Methyl Acetate	2.703	43	81094	49.286	ug/L #	82
16) Methylene chloride	2.788	84	72382	48.630	ug/L #	81
17) trans-1,2-Dichloroethene	3.093	96	71284	48.783	ug/L	90
18) Methyl tert-butyl Ether	3.111	73	226950	49.689	ug/L #	90
19) 1,1-Dichloroethane	3.611	63	122622	49.609	ug/L	95
20) cis-1,2-Dichloroethene	4.489	96	79770	49.339	ug/L #	98
22) 2-Butanone	4.562	43	135543	100.755	ug/L	84
23) Bromochloromethane	4.904	128	41215	49.514	ug/L #	80
25) Chloroform	5.093	83	125462	49.522	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	6.092	62	91966	49.509	ug/L	#	87
29) Cyclohexane	5.471	56	122203	49.708	ug/L		86
30) 1,1,1-Trichloroethane	5.385	97	118522	50.123	ug/L	#	94
31) Carbon tetrachloride	5.678	117	104807	50.196	ug/L		100
33) Benzene	6.044	78	292991	49.559	ug/L		100
34) Trichloroethene	7.129	95	76308	49.393	ug/L		83
35) Methylcyclohexane	7.385	83	130210	49.842	ug/L		92
37) 1,2-Dichloropropane	7.434	63	73018	49.303	ug/L		100
38) Bromodichloromethane	7.824	83	98275	49.035	ug/L		97
39) cis-1,3-Dichloropropene	8.366	75	120481	49.544	ug/L		99
40) 4-Methyl-2-pentanone	8.574	43	235892	100.221	ug/L	#	84
42) Toluene	8.720	91	318130	49.542	ug/L		97
44) trans-1,3-Dichloropropene	8.976	75	117566	49.676	ug/L		98
45) 1,1,2-Trichloroethane	9.153	97	72636	48.570	ug/L		99
46) Tetrachloroethene	9.275	164	64800	50.273	ug/L		89
48) 2-Hexanone	9.433	43	192519	99.787	ug/L	#	85
49) Dibromochloromethane	9.525	129	83882	49.136	ug/L		100
50) 1,2-Dibromoethane	9.610	107	79206	49.489	ug/L	#	99
51) Chlorobenzene	10.080	112	206196	49.975	ug/L		97
52) Ethylbenzene	10.195	91	344548	49.917	ug/L		93
53) m,p-Xylene	10.305	106	140009	50.170	ug/L		79
54) o-Xylene	10.647	106	135777	49.305	ug/L		82
55) Styrene	10.659	104	231349	49.474	ug/L		82
57) 1,1,2,2-Tetrachloroethane	11.213	83	114978	48.425	ug/L		98
59) Bromoform	10.799	173	65162	47.587	ug/L	#	95
60) Isopropylbenzene	10.964	105	353993	48.859	ug/L		95
61) 1,2,3-Trichloropropane	11.244	75	91032	47.713	ug/L		95
62) 1,3,5-Trimethylbenzene	11.451	105	302406	49.195	ug/L		89
63) 1,2,4-Trimethylbenzene	11.756	105	302190	48.999	ug/L	#	87
64) 1,3-Dichlorobenzene	11.969	146	161437	48.880	ug/L		97
65) 1,4-Dichlorobenzene	12.043	146	161022	48.798	ug/L		95
67) 1,2-Dichlorobenzene	12.335	146	159680	48.678	ug/L		94
68) 1,2-Dibromo-3-chloropr...	12.945	75	27049	49.019	ug/L	#	61
69) 1,3,5-Trichlorobenzene	13.116	180	119843	50.156	ug/L		97
70) 1,2,4-trichlorobenzene	13.591	180	105344	50.543	ug/L		97
71) Naphthalene	13.780	128	368477	52.135	ug/L		99
72) 1,2,3-Trichlorobenzene	13.963	180	105373	50.997	ug/L		94

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

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