Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111620\
Data File : VL035968.D
Acq On : 17 Nov 2020 8:28
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 17 13:15:36 2020
Quant Title :
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED
MMDadoda
11/18/2020 9:08:45 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1171150	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4652336	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4599683m	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	3398380	10.40	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	2022532	9.173	ppbv	99
3) Chlorodifluoromethane	2.98	51	1346346	9.600	ppbv	99
4) Chloromethane	3.14	50	672423	9.869	ppbv	99
5) Vinyl Chloride	3.25	62	859283	9.894	ppbv	98
6) Bromomethane	3.47	94	709485	10.157	ppbv	98
7) Chloroethane	3.56	64	316197	10.344	ppbv	99
8) Dichlorotetrafluoroethane	3.19	85	2500162	9.908	ppbv	96
9) Propene	3.01	41	497357	9.689	ppbv	98
10) Heptane	8.13	43	1503814	10.606	ppbv	99
11) Trichlorofluoromethane	3.95	101	2761252	9.973	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	2100821	10.191	ppbv	95
13) Ethanol	3.61	45	98411	8.837	ppbv	97
14) Bromoethene	3.74	108	940079	9.909	ppbv	99
15) Acetone	3.85	43	1207782	9.646	ppbv	100
16) 1,3-Butadiene	3.33	39	541181	10.039	ppbv	100
17) tert-Butyl alcohol	4.29	59	1762938	10.624	ppbv	100
18) 1,1-Dichloroethene	4.29	96	984937	10.407	ppbv	96
19) Isopropyl Alcohol	3.97	45	806965	10.488	ppbv	100
20) Methylene Chloride	4.34	84	813860	9.234	ppbv	99
21) Allyl Chloride	4.41	41	699795	10.335	ppbv	97
22) trans-1,2-Dichloroethene	4.89	96	983468	10.250	ppbv	96
23) Vinyl Acetate	5.08	43	1722120	9.812	ppbv	99
24) 1,1-Dichloroethane	5.01	63	1690034	10.107	ppbv	99
25) Ethyl Acetate	5.68	43	2521180	10.221	ppbv	100
26) Hexane	5.69	57	1358812	9.989	ppbv	99
27) Carbon Disulfide	4.55	76	2127764	10.439	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	2361011	9.665	ppbv	100
29) Chloroform	5.76	83	2653580	9.925	ppbv	99
30) Cyclohexane	7.14	84	1440740	9.724	ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	1423233	10.170	ppbv	99
32) 1,1,1-Trichloroethane	6.52	97	2573428	9.224	ppbv	99
34) 2-Butanone	5.25	43	1629936	10.795	ppbv	100
35) Carbon Tetrachloride	7.02	117	2541028	10.222	ppbv	100
36) Benzene	6.90	78	3433847	9.928	ppbv	99
37) 1,2-Dichloroethane	6.31	62	1663845	10.619	ppbv	100
38) Trichloroethene	7.84	130	1574616	9.321	ppbv	96
39) 1,2-Dichloropropane	7.62	63	1188412	10.206	ppbv	96
40) 1,4-Dioxane	7.83	88	571830	10.361	ppbv #	1
41) Tetrahydrofuran	6.05	42	938683	10.943	ppbv	98
42) Bromodichloromethane	7.80	83	2802908	10.601	ppbv	99
43) Methyl Methacrylate	8.02	69	1419894	10.763	ppbv	100
44) 2,2,4-Trimethylpentane	7.88	57	4649872	10.159	ppbv	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) t-1,3-Dichloropropene	9.29	75	1505493	10.765	ppbv	98
46) cis-1,3-Dichloropropene	8.71	75	1881172	10.621	ppbv	99
47) 1,1,2-Trichloroethane	9.48	97	1603032	10.103	ppbv	97
48) Dibromochloromethane	10.31	129	2576106	10.627	ppbv	100
49) Bromoform	13.05	173	2190019	10.707	ppbv	100
50) 4-Methyl-2-Pentanone	8.75	43	2529129	10.954	ppbv	99
51) 2-Hexanone	10.14	43	2101050	11.328	ppbv	99
52) Tetrachloroethene	11.23	164	1479558	9.029	ppbv	98
53) Toluene	9.81	91	4191261	10.043	ppbv	100
54) 1,2-Dibromoethane	10.62	107	2449431	10.151	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.14	131	2011755	9.745	ppbv	96
57) Chlorobenzene	12.16	112	3418663	9.348	ppbv	98
58) Ethyl Benzene	12.72	91	5418419	9.672	ppbv	100
59) m/p-Xylene	13.01	91	9180882m	19.370	ppbv	
60) o-Xylene	13.70	91	4511084	9.784	ppbv	100
61) Styrene	13.54	104	3466885	10.262	ppbv	100
62) Isopropylbenzene	14.68	105	6769271	9.341	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.69	83	3322215	9.299	ppbv	100
64) n-propylbenzene	15.57	120	2063174	9.850	ppbv	98
65) tert-Butylbenzene	16.76	119	6199981	9.399	ppbv	99
66) Benzyl Chloride	17.00	91	2364205	10.843	ppbv	99
67) sec-Butylbenzene	17.31	105	8373418	9.420	ppbv	100
69) p-Isopropyltoluene	17.67	119	7084190	9.657	ppbv	99
70) n-Butylbenzene	18.56	91	7198521	10.190	ppbv	99
71) 2-Chlorotoluene	15.46	91	5207370	9.824	ppbv	99
72) 4-Ethyltoluene	15.85	105	5531866	9.892	ppbv	100
73) 1,3,5-Trimethylbenzene	16.01	105	5138977	10.042	ppbv	100
74) 1,2,4-Trimethylbenzene	16.78	105	5371960	9.797	ppbv	100
75) 1,3-Dichlorobenzene	17.01	146	3415071	9.781	ppbv	99
76) 1,4-Dichlorobenzene	17.15	146	3387271	10.057	ppbv	99
77) 1,2-Dichlorobenzene	17.83	146	3357254	9.864	ppbv	98
78) Hexachloro-1,3-Butadiene	23.39	225	1809826	11.396	ppbv	99
79) Naphthalene	22.22	128	5015383	13.121	ppbv	99
80) Naphthalene,2-methyl-	24.99	142	1212344	19.462	ppbv	99
81) 1,2,4-Trichlorobenzene	21.94	180	2542765	11.906	ppbv	99

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

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