Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120419\
Data File : BM023997.D
Acq On : 04 Dec 2019 12:25
Operator : JU
Sample : PB123047BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS047

Manual Integrations APPROVED
mohammad
12/5/2019 10:48:58 AM

Quant Time: Dec 04 15:06:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 04 13:35:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	287819	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1152902	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	697955	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	1396114	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	1593784	20.00	ng/ul	0.00
86) Perylene-d12	23.25	264	1974405	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	114797	17.75	ng/uL	0.00
5) Phenol-d5	6.67	99	1000982	39.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	572273	39.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	762762	39.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	758388	38.10	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	364662	40.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	401910	39.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	763473	39.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	954528	45.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	2058761	37.96	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	2534656	39.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	391997	42.99	ng/ul	0.00
58) Fluorene-d10	15.15	176	1802773	39.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	349809	39.91	ng/ul	0.00
71) Anthracene-d10	16.99	188	2735723	41.03	ng/ul	0.00
79) Pyrene-d10	19.30	212	3060169	37.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	4178037	40.03	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	122825	17.704	ng/uL	98
4) Benzaldehyde	6.63	77	640743	48.230	ng/ul	97
6) Phenol	6.70	94	1035992	39.924	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.92	93	786387	38.975	ng/ul	98
10) 2-Chlorophenol	7.05	128	808501	40.526	ng/ul	99
11) 2-Methylphenol	7.93	108	755617	39.035	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.02	45	844516	38.548	ng/ul	100
14) Acetophenone	8.30	105	1194455	39.256	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.30	70	633469	38.937	ng/ul	99
16) 4-Methylphenol	8.26	108	827044	39.259	ng/ul	98
17) Hexachloroethane	8.54	117	322468	39.186	ng/ul	99
20) Nitrobenzene	8.67	77	937014	43.105	ng/ul	99
21) Isophorone	9.20	82	1652612	40.046	ng/ul	99
23) 2-Nitrophenol	9.38	139	453096	42.109	ng/ul	100
24) 2,4-Dimethylphenol	9.45	107	891832	41.075	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.69	93	1026563	39.650	ng/ul	99
27) 2,4-Dichlorophenol	9.91	162	753961	40.738	ng/ul	98
28) Naphthalene	10.30	128	2469311	40.627	ng/ul	100
30) 4-Chloroaniline	10.42	127	990599	45.545	ng/ul	99
31) Hexachlorobutadiene	10.59	225	454326	38.876	ng/ul	96
32) Caprolactam	11.21	113	221326m	39.603	ng/ul	
33) 4-Chloro-3-methylphenol	11.56	107	812423	41.475	ng/ul	100
34) 2-Methylnaphthalene	11.93	142	1770531	40.118	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	1703436	39.314	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.31	216	867128	39.831	ng/ul	99
38) Hexachlorocyclopentadiene	12.29	237	301017	29.673	ng/ul	97
39) 2,4,6-Trichlorophenol	12.56	196	574974	40.543	ng/ul	99
40) 2,4,5-Trichlorophenol	12.63	196	608242	40.344	ng/ul	99
41) 1,1'-Biphenyl	12.96	154	2278832	40.410	ng/ul	99
42) 2-Chloronaphthalene	13.00	162	1750197	40.561	ng/ul	99
43) 2-Nitroaniline	13.22	65	506169	45.131	ng/ul	99
45) Dimethylphthalate	13.61	163	2085967	39.294	ng/ul	100
46) 2,6-Dinitrotoluene	13.73	165	439328	42.298	ng/ul	96
48) Acenaphthylene	13.86	152	2672302	41.578	ng/ul	100
49) 3-Nitroaniline	14.06	138	446318	45.950	ng/ul	97
50) Acenaphthene	14.20	153	1855342	40.633	ng/ul	100
51) 2,4-Dinitrophenol	14.28	184	214474	38.737	ng/ul	99
53) 4-Nitrophenol	14.39	109	305628	45.492	ng/ul	95
54) Dibenzofuran	14.55	168	2607855	40.368	ng/ul	99
55) 2,4-Dinitrotoluene	14.53	165	652137	43.167	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.78	232	533462	40.167	ng/ul	99
57) Diethylphthalate	14.99	149	2059339	38.767	ng/ul	100
59) Fluorene	15.20	166	2126956	40.824	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.20	204	1016187	38.714	ng/ul	98
61) 4-Nitroaniline	15.23	138	465141	42.451	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.30	198	381974	40.584	ng/ul	98
65) N-Nitrosodiphenylamine	15.42	169	1837081	41.552	ng/ul	99
66) 4-Bromophenyl-phenylether	16.09	248	670002	39.364	ng/ul	98
67) Hexachlorobenzene	16.21	284	798608	40.481	ng/ul	99
68) Atrazine	16.38	200	616807	39.796	ng/ul	99
69) Pentachlorophenol	16.56	266	456250	40.813	ng/ul	97
70) Phenanthrene	16.94	178	3370419	42.734	ng/ul	99
72) Anthracene	17.03	178	3453998	43.135	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	845243	40.254	ng/uL	100
74) Pentachlorobenzene	14.47	250	887755	39.317	ng/uL	99
75) Carbazole	17.30	167	3128265	45.118	ng/ul	100
76) Di-n-butylphthalate	17.89	149	3357268	38.940	ng/ul	100
77) Fluoranthene	18.97	202	3953202	46.739	ng/ul	97
80) Pyrene	19.33	202	4099887	38.179	ng/ul	98
81) Butylbenzylphthalate	20.26	149	1656325	36.306	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.03	252	1592560	39.520	ng/ul	100
83) Benzo(a)anthracene	21.09	228	4336600	40.708	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	2340507	34.517	ng/ul	99
85) Chrysene	21.14	228	4120310	41.187	ng/ul	99
87) Di-n-octyl phthalate	21.90	149	4162140	36.051	ng/ul	100
88) Benzo(b)fluoranthene	22.62	252	4950974	40.548	ng/ul	99
89) Benzo(k)fluoranthene	22.66	252	4827021	41.645	ng/ul	99
91) Benzo(a)pyrene	23.16	252	4775169	41.362	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.39	276	6026710	42.040	ng/ul	98
93) Dibenzo(a,h)anthracene	25.39	278	5053435	41.968	ng/ul	99
94) Benzo(g,h,i)perylene	26.03	276	5011409	41.741	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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