Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001853.D
Acq On : 24 Feb 2020 10:59
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD02082

Manual Integrations APPROVED
mohammad
2/25/2020 3:42:09 PM

Quant Time: Feb 24 17:31:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 01:10:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	326508	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1380622	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	918364	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2096721	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2063616	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	2410184	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	57040	7.26	ng/uL	0.00
5) Phenol-d5	6.83	99	488201	19.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	268825	18.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	419384	21.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	412062	21.06	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	202872	21.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	219290	25.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	452233	22.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	510135	21.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1373029	21.30	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	1653960	20.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	251935	22.45	ng/ul	0.00
58) Fluorene-d10	15.29	176	1216407	20.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	196859	23.81	ng/ul	0.00
71) Anthracene-d10	17.14	188	1885482	20.41	ng/ul	0.00
79) Pyrene-d10	19.39	212	2204488	20.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	2480973	21.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	59803	7.093	ng/uL	98
4) Benzaldehyde	6.79	77	313508	20.759	ng/ul	99
6) Phenol	6.86	94	514909	19.695	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.08	93	411223	19.505	ng/ul	96
10) 2-Chlorophenol	7.22	128	436268	20.685	ng/ul	98
11) 2-Methylphenol	8.09	108	407161	20.570	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	452936	18.031	ng/ul	97
14) Acetophenone	8.46	105	631907	20.898	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	294724	21.022	ng/ul	97
16) 4-Methylphenol	8.42	108	440762	20.681	ng/ul	98
17) Hexachloroethane	8.73	117	171407	20.430	ng/ul	94
20) Nitrobenzene	8.83	77	460816	19.891	ng/ul	96
21) Isophorone	9.36	82	895528	21.031	ng/ul	98
23) 2-Nitrophenol	9.55	139	246123	24.302	ng/ul	97
24) 2,4-Dimethylphenol	9.62	107	477318	20.985	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.85	93	562758	19.529	ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	453817	22.000	ng/ul	99
28) Naphthalene	10.48	128	1461258	19.806	ng/ul	100
30) 4-Chloroaniline	10.58	127	519430	21.620	ng/ul	99
31) Hexachlorobutadiene	10.78	225	306175	20.990	ng/ul	99
32) Caprolactam	11.32	113	144573m	23.197	ng/ul	
33) 4-Chloro-3-methylphenol	11.72	107	457481	23.292	ng/ul	100
34) 2-Methylnaphthalene	12.09	142	1047865	20.604	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	1048875	20.927	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	589933	19.722	ng/ul	98
38) Hexachlorocyclopentadiene	12.46	237	322456	19.957	ng/ul	98
39) 2,4,6-Trichlorophenol	12.71	196	379938	23.764	ng/ul	100
40) 2,4,5-Trichlorophenol	12.78	196	415005	23.576	ng/ul	99
41) 1,1'-Biphenyl	13.12	154	1417711	19.802	ng/ul	99
42) 2-Chloronaphthalene	13.15	162	1121549	19.840	ng/ul	99
43) 2-Nitroaniline	13.35	65	261355	23.032	ng/ul	95
45) Dimethylphthalate	13.75	163	1427486	21.045	ng/ul	99
46) 2,6-Dinitrotoluene	13.86	165	292016	24.703	ng/ul	92
48) Acenaphthylene	14.00	152	1763608	20.485	ng/ul	100
49) 3-Nitroaniline	14.19	138	269342	22.380	ng/ul	94
50) Acenaphthene	14.35	153	1173154	19.942	ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	115316	23.508	ng/ul	95
53) 4-Nitrophenol	14.50	109	184624	22.221	ng/ul	93
54) Dibenzofuran	14.69	168	1681021	20.290	ng/ul	100
55) 2,4-Dinitrotoluene	14.65	165	423869	24.353	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	14.92	232	368790	25.922	ng/ul	96
57) Diethylphthalate	15.13	149	1419816	21.891	ng/ul	99
59) Fluorene	15.34	166	1361760	20.661	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.35	204	706267	20.649	ng/ul	99
61) 4-Nitroaniline	15.35	138	316477	23.290	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.42	198	216515	23.486	ng/ul	97
65) N-Nitrosodiphenylamine	15.56	169	1181308	19.651	ng/ul	100
66) 4-Bromophenyl-phenylether	16.24	248	468079	20.339	ng/ul	98
67) Hexachlorobenzene	16.36	284	538164	20.263	ng/ul	96
68) Atrazine	16.52	200	470087	21.690	ng/ul	98
69) Pentachlorophenol	16.70	266	293967	22.862	ng/ul	98
70) Phenanthrene	17.08	178	2295608	19.853	ng/ul	100
72) Anthracene	17.17	178	2302267	20.157	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.08	216	644631	18.754	ng/uL	98
74) Pentachlorobenzene	14.62	250	646141	19.286	ng/uL	100
75) Carbazole	17.45	167	2037249	21.388	ng/ul	100
76) Di-n-butylphthalate	18.03	149	2421935	23.105	ng/ul	100
77) Fluoranthene	19.06	202	2834699	22.893	ng/ul	96
80) Pyrene	19.41	202	2869904	20.446	ng/ul	99
81) Butylbenzylphthalate	20.30	149	1124173	25.797	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.06	252	1001715	22.446	ng/ul	99
83) Benzo(a)anthracene	21.12	228	2866051	21.090	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	1706092	23.630	ng/ul	99
85) Chrysene	21.17	228	2715196	20.452	ng/ul	99
87) Di-n-octyl phthalate	21.95	149	2950878	24.447	ng/ul	100
88) Benzo(b)fluoranthene	22.69	252	3003403	21.178	ng/ul	99
89) Benzo(k)fluoranthene	22.73	252	3026651	20.589	ng/ul	99
91) Benzo(a)pyrene	23.25	252	2762871	20.788	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.59	276	3359398	20.235	ng/ul	98
93) Dibenzo(a,h)anthracene	25.60	278	2795380	20.047	ng/ul	99
94) Benzo(g,h,i)perylene	26.26	276	2775972	19.669	ng/ul	98

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

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