Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030920\
Data File : BP002140.D
Acq On : 10 Mar 2020 02:17
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD02082

Manual Integrations APPROVED
mohammad
3/10/2020 2:46:28 PM

Quant Time: Mar 10 02:50:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 09 15:02:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	362563	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1520485	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	963720	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	2064218	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1921172	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	2223525	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	61601	7.30	ng/uL	0.00
5) Phenol-d5	6.82	99	541811	19.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	301284	20.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	469303	19.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	440287	19.37	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	224105	19.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	240784	18.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	496277	19.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	590721	21.29	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1408241	19.31	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1676567	19.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	226888	16.27	ng/ul	0.00
58) Fluorene-d10	15.27	176	1236795	19.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	183959	16.17	ng/ul	0.00
71) Anthracene-d10	17.12	188	1866013	20.11	ng/ul	0.00
79) Pyrene-d10	19.37	212	2135586	21.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	2280330	20.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	62268	6.924	ng/uL	97
4) Benzaldehyde	6.78	77	250639	15.423	ng/ul	99
6) Phenol	6.85	94	581924	20.268	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.07	93	455944	20.237	ng/ul	98
10) 2-Chlorophenol	7.20	128	506948	20.668	ng/ul	100
11) 2-Methylphenol	8.08	108	449766	20.035	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.17	45	530907	22.075	ng/ul	99
14) Acetophenone	8.45	105	695469	20.751	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.44	70	321497	20.129	ng/ul	97
16) 4-Methylphenol	8.40	108	501788	20.924	ng/ul	98
17) Hexachloroethane	8.71	117	194972	20.007	ng/ul	97
20) Nitrobenzene	8.82	77	508779	19.550	ng/ul	98
21) Isophorone	9.35	82	952059	19.281	ng/ul	100
23) 2-Nitrophenol	9.53	139	276630	19.351	ng/ul	99
24) 2,4-Dimethylphenol	9.60	107	508376	19.077	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.83	93	624087	19.959	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	498151	19.796	ng/ul	100
28) Naphthalene	10.46	128	1598742	19.626	ng/ul	99
30) 4-Chloroaniline	10.56	127	618269	22.416	ng/ul	99
31) Hexachlorobutadiene	10.76	225	341414	19.670	ng/ul	99
32) Caprolactam	11.30	113	136832m	16.553	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	472109	18.878	ng/ul	99
34) 2-Methylnaphthalene	12.07	142	1159949	20.275	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	1106317	19.475	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	642446	19.997	ng/ul	100
38) Hexachlorocyclopentadiene	12.44	237	357291	18.974	ng/ul	97
39) 2,4,6-Trichlorophenol	12.70	196	394468	18.665	ng/ul	99
40) 2,4,5-Trichlorophenol	12.77	196	429815	19.284	ng/ul	99
41) 1,1'-Biphenyl	13.10	154	1525759	20.353	ng/ul	99
42) 2-Chloronaphthalene	13.14	162	1186602	20.023	ng/ul	99
43) 2-Nitroaniline	13.34	65	263081	18.643	ng/ul	99
45) Dimethylphthalate	13.73	163	1432666	19.030	ng/ul	100
46) 2,6-Dinitrotoluene	13.85	165	285490	18.686	ng/ul	100
48) Acenaphthylene	13.99	152	1795031	19.408	ng/ul	100
49) 3-Nitroaniline	14.17	138	273644	19.354	ng/ul	94
50) Acenaphthene	14.33	153	1223196	19.671	ng/ul	98
51) 2,4-Dinitrophenol	14.39	184	178825	20.496	ng/ul	99
53) 4-Nitrophenol	14.49	109	163253	16.213	ng/ul	96
54) Dibenzofuran	14.67	168	1793435	20.420	ng/ul	99
55) 2,4-Dinitrotoluene	14.64	165	417685	19.087	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.90	232	368406	18.044	ng/ul	98
57) Diethylphthalate	15.11	149	1408903	18.959	ng/ul	99
59) Fluorene	15.33	166	1337103	19.051	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	708070	19.145	ng/ul	98
61) 4-Nitroaniline	15.34	138	267128	18.035	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.41	198	210889	17.014	ng/ul	94
65) N-Nitrosodiphenylamine	15.54	169	1228769	20.910	ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	482692	20.405	ng/ul	97
67) Hexachlorobenzene	16.34	284	522012	19.433	ng/ul	98
68) Atrazine	16.50	200	442221	19.055	ng/ul	98
69) Pentachlorophenol	16.68	266	271575	16.372	ng/ul	98
70) Phenanthrene	17.07	178	2263781	19.907	ng/ul	99
72) Anthracene	17.16	178	2264510	20.112	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	664909	20.050	ng/uL	99
74) Pentachlorobenzene	14.60	250	636299	19.431	ng/uL	99
75) Carbazole	17.43	167	2035839	21.473	ng/ul	99
76) Di-n-butylphthalate	18.00	149	2281744	18.775	ng/ul	99
77) Fluoranthene	19.05	202	2705089	20.620	ng/ul	99
80) Pyrene	19.40	202	2734661	20.907	ng/ul	100
81) Butylbenzylphthalate	20.29	149	1040100	19.599	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.04	252	815774	18.598	ng/ul	99
83) Benzo(a)anthracene	21.10	228	2738964	21.073	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	1545270	19.840	ng/ul	99
85) Chrysene	21.16	228	2569053	20.718	ng/ul	99
87) Di-n-octyl phthalate	21.92	149	2553386	19.470	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	2872936	20.603	ng/ul	99
89) Benzo(k)fluoranthene	22.71	252	2686855	19.685	ng/ul	100
91) Benzo(a)pyrene	23.23	252	2685849	21.217	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.55	276	3183121	19.401	ng/ul	98
93) Dibenzo(a,h)anthracene	25.56	278	2641641	19.473	ng/ul	100
94) Benzo(g,h,i)perylene	26.22	276	2690625	19.427	ng/ul	98

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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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