Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002188.D
Acq On : 12 Mar 2020 17:37
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02088

Manual Integrations APPROVED
mohammad
3/13/2020 8:57:32 AM

Quant Time: Mar 13 02:30:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 12 13:49:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	270332	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1120877	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	690549	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1462336	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	1516913	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	1803579	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	48471	7.71	ng/uL	0.00
5) Phenol-d5	6.81	99	405602	19.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	220347	20.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	344894	19.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	315192	18.60	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	155551	18.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	166326	17.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	343379	18.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	413516	20.21	ng/ul	0.00
44) Dimethylphthalate-d6	13.68	166	918688	17.58	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1119866	17.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	163200	16.34	ng/ul	0.00
58) Fluorene-d10	15.26	176	815876	18.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	118898	14.75	ng/ul	0.00
71) Anthracene-d10	17.12	188	1240138	18.87	ng/ul	0.00
79) Pyrene-d10	19.36	212	1473363	18.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	1696408	18.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	49120	7.326	ng/uL	95
4) Benzaldehyde	6.77	77	235435	19.430	ng/ul	100
6) Phenol	6.83	94	433395	20.245	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.06	93	332361	19.785	ng/ul	99
10) 2-Chlorophenol	7.19	128	367749	20.108	ng/ul	100
11) 2-Methylphenol	8.08	108	324566	19.390	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	383157	21.367	ng/ul	99
14) Acetophenone	8.44	105	509583	20.392	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.43	70	233226	19.584	ng/ul	99
16) 4-Methylphenol	8.40	108	353283	19.758	ng/ul	98
17) Hexachloroethane	8.70	117	135440	18.640	ng/ul	98
20) Nitrobenzene	8.81	77	354213	18.463	ng/ul	99
21) Isophorone	9.33	82	653497	17.952	ng/ul	100
23) 2-Nitrophenol	9.52	139	192114	18.230	ng/ul	99
24) 2,4-Dimethylphenol	9.59	107	360788	18.366	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.82	93	430415	18.673	ng/ul	100
27) 2,4-Dichlorophenol	10.05	162	349704	18.851	ng/ul	98
28) Naphthalene	10.45	128	1132099	18.852	ng/ul	99
30) 4-Chloroaniline	10.56	127	431662	21.230	ng/ul	100
31) Hexachlorobutadiene	10.75	225	224554	17.549	ng/ul	99
32) Caprolactam	11.31	113	95349m	15.647	ng/ul	
33) 4-Chloro-3-methylphenol	11.69	107	318722	17.288	ng/ul	99
34) 2-Methylnaphthalene	12.06	142	802819	19.035	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.29	142	761216	18.178	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	437845	19.020	ng/ul	98
38) Hexachlorocyclopentadiene	12.43	237	237408	17.595	ng/ul	99
39) 2,4,6-Trichlorophenol	12.69	196	266667	17.609	ng/ul	98
40) 2,4,5-Trichlorophenol	12.76	196	286346	17.930	ng/ul	99
41) 1,1'-Biphenyl	13.09	154	1027466	19.128	ng/ul	99
42) 2-Chloronaphthalene	13.13	162	794321	18.706	ng/ul	99
43) 2-Nitroaniline	13.33	65	172868	17.096	ng/ul	97
45) Dimethylphthalate	13.73	163	942897	17.479	ng/ul	100
46) 2,6-Dinitrotoluene	13.84	165	178209	16.278	ng/ul	98
48) Acenaphthylene	13.98	152	1212559	18.297	ng/ul	100
49) 3-Nitroaniline	14.16	138	187052	18.463	ng/ul	98
50) Acenaphthene	14.33	153	826807	18.556	ng/ul	99
51) 2,4-Dinitrophenol	14.37	184	102225	16.351	ng/ul	97
53) 4-Nitrophenol	14.49	109	170292	23.602	ng/ul	92
54) Dibenzofuran	14.66	168	1198577	19.045	ng/ul	99
55) 2,4-Dinitrotoluene	14.63	165	268585	17.129	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.90	232	247593	16.924	ng/ul	98
57) Diethylphthalate	15.10	149	898803	16.880	ng/ul	98
59) Fluorene	15.32	166	940167	18.694	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.32	204	482419	18.203	ng/ul	97
61) 4-Nitroaniline	15.33	138	209054	19.698	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.40	198	134912	15.365	ng/ul	95
65) N-Nitrosodiphenylamine	15.53	169	824598	19.808	ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	303158	18.090	ng/ul	99
67) Hexachlorobenzene	16.33	284	339673	17.850	ng/ul	99
68) Atrazine	16.49	200	286107	17.403	ng/ul	99
69) Pentachlorophenol	16.67	266	250668	21.332	ng/ul	99
70) Phenanthrene	17.06	178	1517122	18.832	ng/ul	99
72) Anthracene	17.15	178	1535997	19.256	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	434764	18.506	ng/uL	99
74) Pentachlorobenzene	14.59	250	417569	18.000	ng/uL	99
75) Carbazole	17.42	167	1409227	20.981	ng/ul	99
76) Di-n-butylphthalate	18.00	149	1473266	17.112	ng/ul	100
77) Fluoranthene	19.04	202	1845904	19.862	ng/ul	99
80) Pyrene	19.39	202	1908459	18.479	ng/ul	97
81) Butylbenzylphthalate	20.28	149	708167	16.900	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.03	252	628003	18.132	ng/ul	99
83) Benzo(a)anthracene	21.10	228	2005177	19.538	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.05	149	1005071	16.343	ng/ul	99
85) Chrysene	21.14	228	1855738	18.954	ng/ul	99
87) Di-n-octyl phthalate	21.91	149	1733012	16.292	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	2162927	19.123	ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	1931967	17.450	ng/ul	99
91) Benzo(a)pyrene	23.22	252	2001435	19.492	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.54	276	2454580	18.444	ng/ul	98
93) Dibenzo(a,h)anthracene	25.55	278	2049887	18.630	ng/ul	99
94) Benzo(g,h,i)perylene	26.21	276	2031715	18.085	ng/ul	98

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

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