Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120820\
Data File : BP004204.D
Acq On : 08 Dec 2020 18:37
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD020016

Quant Time: Dec 08 19:03:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP120420.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 06:09:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	459677	20.00	ng/ul	0.00
20) Naphthalene-d8	10.64	136	1940955	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.49	164	1174300	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.25	188	2461165	20.00	ng/ul	-0.01
79) Chrysene-d12	21.34	240	2431566	20.00	ng/ul	-0.01
88) Perylene-d12	23.70	264	2544941	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	91054	7.61	ng/uL	0.00
4) Pyridine-d5	3.74	84	655413	19.28	ng/ul	0.00
7) Phenol-d5	7.00	99	762368	18.55	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	7.18	67	486249	20.47	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.38	132	592605	18.53	ng/ul	-0.01
15) 4-Methylphenol-d8	8.54	113	601461	18.58	ng/ul	-0.01
21) Nitrobenzene-d5	8.99	128	313921	19.84	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.72	143	265761	18.39	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.25	165	589928	18.55	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.77	131	884449	18.96	ng/ul	-0.01
46) Dimethylphthalate-d6	13.89	166	1772772	19.01	ng/ul	-0.02
49) Acenaphthylene-d8	14.18	160	2239550	19.54	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.67	143	281177	18.42	ng/ul	-0.01
60) Fluorene-d10	15.49	176	1552921	19.04	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.60	200	188192	18.82	ng/ul	-0.01
73) Anthracene-d10	17.35	188	2345712	19.39	ng/ul	-0.01
81) Pyrene-d10	19.59	212	2614079	20.44	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.55	264	2627280	19.22	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	99364	7.664	ng/uL#	79
5) Pyridine	3.76	79	669766	19.488	ng/ul	98
6) Benzaldehyde	6.98	77	286488	15.688	ng/ul	97
8) Phenol	7.03	94	814457	19.370	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.27	93	690302	20.460	ng/ul	97
12) 2-Chlorophenol	7.40	128	616900	19.081	ng/ul	99
13) 2-Methylphenol	8.28	108	600813	18.776	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.38	45	842796	20.967	ng/ul	95
16) Acetophenone	8.66	105	1014918	20.233	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.65	70	499802	18.971	ng/ul	99
18) 4-Methylphenol	8.60	108	663159	19.445	ng/ul	97
19) Hexachloroethane	8.92	117	268009	19.357	ng/ul	99
22) Nitrobenzene	9.04	77	784694	20.345	ng/ul	99
23) Isophorone	9.56	82	1432905	18.388	ng/ul	99
25) 2-Nitrophenol	9.75	139	310916	20.084	ng/ul	96
26) 2,4-Dimethylphenol	9.81	107	689884	18.375	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.05	93	904556	19.510	ng/ul	98
29) 2,4-Dichlorophenol	10.28	162	590011	19.210	ng/ul	98
30) Naphthalene	10.69	128	2153433	19.842	ng/ul	100
32) 4-Chloroaniline	10.79	127	868495	19.492	ng/ul	98
33) Hexachlorobutadiene	10.98	225	422913	19.185	ng/ul	100
34) Caprolactam	11.54	113	173666	15.324	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.92	107	596789	17.501	ng/ul	96
36) 2-Methylnaphthalene	12.30	142	1482022	19.386	ng/ul	99
37) 1-Methylnaphthalene	12.52	142	1428505	19.438	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	808844	20.511	ng/ul	99
40) Hexachlorocyclopentadiene	12.66	237	434564	17.629	ng/ul	99
41) 2,4,6-Trichlorophenol	12.91	196	427980	18.848	ng/ul	99
42) 2,4,5-Trichlorophenol	12.97	196	469364	19.193	ng/ul	98
43) 1,1'-Biphenyl	13.32	154	1918474	20.429	ng/ul	99
44) 2-Chloronaphthalene	13.36	162	1524559	20.474	ng/ul	99
45) 2-Nitroaniline	13.56	65	369193	20.193	ng/ul	98
47) Dimethylphthalate	13.95	163	1818790	19.210	ng/ul	100
48) 2,6-Dinitrotoluene	14.06	165	357096	20.781	ng/ul	98
50) Acenaphthylene	14.21	152	2256267	19.869	ng/ul	99
51) 3-Nitroaniline	14.38	138	241655	15.068	ng/ul#	98
52) Acenaphthene	14.55	153	1571631	19.617	ng/ul	99
53) 2,4-Dinitrophenol	14.59	184	107475	16.225	ng/ul	96
55) 4-Nitrophenol	14.69	109	212457	18.504	ng/ul	96
56) Dibenzofuran	14.89	168	2209810	19.898	ng/ul	100
57) 2,4-Dinitrotoluene	14.85	165	494713	21.076	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.11	232	381256	19.113	ng/ul	94
59) Diethylphthalate	15.32	149	1732374	18.126	ng/ul	100
61) Fluorene	15.54	166	1784421	19.365	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.54	204	929756	19.341	ng/ul	100
63) 4-Nitroaniline	15.55	138	224054	14.777	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.61	198	214506	19.222	ng/ul	96
67) N-Nitrosodiphenylamine	15.75	169	1470052	19.409	ng/ul	98
68) 4-Bromophenyl-phenylether	16.44	248	555484	18.857	ng/ul	96
69) Hexachlorobenzene	16.55	284	651176	19.822	ng/ul	97
70) Atrazine	16.71	200	510285	17.247	ng/ul	99
71) Pentachlorophenol	16.89	266	283744	18.083	ng/ul	97
72) Phenanthrene	17.29	178	2817333	19.900	ng/ul	100
74) Anthracene	17.38	178	2827797	19.606	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.28	216	798797	21.380	ng/uL	99
76) Pentachlorobenzene	14.81	250	773380	20.480	ng/uL	99
77) Carbazole	17.65	167	2406425	19.645	ng/ul	99
78) Di-n-butylphthalate	18.22	149	2723001	17.054	ng/ul	100
80) Fluoranthene	19.26	202	3236865	19.983	ng/ul	100
82) Pyrene	19.62	202	3376570	20.520	ng/ul	99
83) Butylbenzylphthalate	20.50	149	1063712	15.912	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.26	252	743494	13.477	ng/ul	99
85) Benzo(a)anthracene	21.32	228	3242457	19.823	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.26	149	1688493	16.741	ng/ul	99
87) Chrysene	21.37	228	3122387	19.931	ng/ul	100
89) Di-n-octyl phthalate	22.18	149	2580446	16.969	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	3269206	19.949	ng/ul	100
91) Benzo(k)fluoranthene	23.03	252	3226036	20.323	ng/ul	100
93) Benzo(a)pyrene	23.60	252	3015218	20.034	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.13	276	3709948	19.246	ng/ul	99
95) Dibenzo(a,h)anthracene	26.14	278	3123005	19.411	ng/ul	100
96) Benzo(g,h,i)perylene	26.87	276	3060774	18.922	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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