Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022420\

Quantitation Report (QT Reviewed)

Data File : BP001917.D
Acq On : 26 Feb 2020 02:42
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Feb 26 06:15:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 05:53:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	518166	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	2175709	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1407481	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	3237310	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	3112407	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	3472700	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	86808	6.96	ng/uL	0.00
5) Phenol-d5	6.83	99	796207	20.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	424370	18.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	695949	21.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	673233	21.68	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	339434	23.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	372670	27.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	743148	23.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	850848	22.71	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	2123782	21.50	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2624799	21.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	410333	23.86	ng/ul	0.00
58) Fluorene-d10	15.29	176	1879860	21.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	316317	24.78	ng/ul	0.00
71) Anthracene-d10	17.14	188	2934564	20.58	ng/ul	0.00
79) Pyrene-d10	19.38	212	3495130	21.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	3732489	22.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	92654	6.924	ng/uL	94
4) Benzaldehyde	6.79	77	518270	21.625	ng/ul	98
6) Phenol	6.86	94	831271	20.035	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.08	93	657442	19.649	ng/ul	96
10) 2-Chlorophenol	7.22	128	710272	21.220	ng/ul	99
11) 2-Methylphenol	8.09	108	658971	20.978	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	715021	17.936	ng/ul	97
14) Acetophenone	8.46	105	997046	20.777	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	463740	20.843	ng/ul	98
16) 4-Methylphenol	8.42	108	713699	21.101	ng/ul	100
17) Hexachloroethane	8.72	117	277386	20.833	ng/ul	94
20) Nitrobenzene	8.83	77	753769	20.646	ng/ul	95
21) Isophorone	9.36	82	1427775	21.277	ng/ul	98
23) 2-Nitrophenol	9.55	139	410628	25.728	ng/ul	95
24) 2,4-Dimethylphenol	9.62	107	770170	21.486	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.85	93	900039	19.820	ng/ul	99
27) 2,4-Dichlorophenol	10.07	162	737548	22.688	ng/ul	99
28) Naphthalene	10.47	128	2324504	19.993	ng/ul	100
30) 4-Chloroaniline	10.58	127	843629	22.282	ng/ul	98
31) Hexachlorobutadiene	10.77	225	492507	21.425	ng/ul	99
32) Caprolactam	11.32	113	239652m	24.401	ng/ul	
33) 4-Chloro-3-methylphenol	11.72	107	737077	23.813	ng/ul	99
34) 2-Methylnaphthalene	12.09	142	1682038	20.987	ng/ul	100

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.31	142	1657006	20.979	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	941138	20.529	ng/ul	98
38) Hexachlorocyclopentadiene	12.46	237	481574	19.447	ng/ul	100
39) 2,4,6-Trichlorophenol	12.71	196	615586	25.122	ng/ul	100
40) 2,4,5-Trichlorophenol	12.78	196	667051	24.726	ng/ul	100
41) 1,1'-Biphenyl	13.12	154	2209404	20.135	ng/ul	99
42) 2-Chloronaphthalene	13.15	162	1764026	20.361	ng/ul	100
43) 2-Nitroaniline	13.35	65	424484	24.409	ng/ul	90
45) Dimethylphthalate	13.75	163	2192234	21.088	ng/ul	100
46) 2,6-Dinitrotoluene	13.86	165	477305	26.346	ng/ul	93
48) Acenaphthylene	14.00	152	2739676	20.764	ng/ul	99
49) 3-Nitroaniline	14.18	138	456091	24.727	ng/ul	95
50) Acenaphthene	14.35	153	1821093	20.198	ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	189887	25.257	ng/ul	95
53) 4-Nitrophenol	14.50	109	295807	23.230	ng/ul	92
54) Dibenzofuran	14.69	168	2611826	20.570	ng/ul	100
55) 2,4-Dinitrotoluene	14.65	165	684383	25.656	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	14.92	232	592632	27.180	ng/ul	99
57) Diethylphthalate	15.13	149	2199554	22.128	ng/ul	98
59) Fluorene	15.34	166	2040754	20.203	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.34	204	1071105	20.433	ng/ul	98
61) 4-Nitroaniline	15.35	138	502528	24.130	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.42	198	347980	24.447	ng/ul	95
65) N-Nitrosodiphenylamine	15.55	169	1825318	19.666	ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	749374	21.090	ng/ul	97
67) Hexachlorobenzene	16.35	284	844602	20.597	ng/ul	98
68) Atrazine	16.52	200	747380	22.334	ng/ul	98
69) Pentachlorophenol	16.69	266	508745	25.626	ng/ul	100
70) Phenanthrene	17.08	178	3548064	19.873	ng/ul	99
72) Anthracene	17.17	178	3529585	20.014	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.08	216	1023711	19.290	ng/uL	99
74) Pentachlorobenzene	14.62	250	1009676	19.519	ng/uL	99
75) Carbazole	17.44	167	3200856	21.764	ng/ul	100
76) Di-n-butylphthalate	18.02	149	3834544	23.692	ng/ul	99
77) Fluoranthene	19.06	202	4510496	23.593	ng/ul	97
80) Pyrene	19.41	202	4435397	20.951	ng/ul	98
81) Butylbenzylphthalate	20.30	149	1879309	28.594	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.05	252	1588812	23.605	ng/ul	98
83) Benzo(a)anthracene	21.12	228	4425491	21.592	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	2721215	24.990	ng/ul	98
85) Chrysene	21.17	228	4082796	20.390	ng/ul	99
87) Di-n-octyl phthalate	21.93	149	4766855	27.409	ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	4771031	23.349	ng/ul	99
89) Benzo(k)fluoranthene	22.73	252	4313196	20.364	ng/ul	98
91) Benzo(a)pyrene	23.25	252	4080868	21.310	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.57	276	4757130	19.887	ng/ul	98
93) Dibenzo(a,h)anthracene	25.59	278	3947433	19.648	ng/ul	98
94) Benzo(g,h,i)perylene	26.26	276	4024864	19.792	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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