Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041020\
Data File : BN010455.D
Acq On : 10 Apr 2020 11:38
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02073

Quant Time: Apr 10 12:34:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 10 12:31:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	487024	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2083573	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	1338192	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	2966743	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	2958168	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	2614183	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	74338	7.99	ng/uL	0.00
5) Phenol-d5	6.79	99	740422	19.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	427116	21.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	633438	19.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	611010	18.85	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	310388	19.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	343263	19.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	676444	19.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	913511	22.71	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	1997527	20.12	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	2340700	19.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	361449	18.70	ng/ul	0.00
58) Fluorene-d10	15.23	176	1695114	19.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	285244	18.41	ng/ul	0.00
71) Anthracene-d10	17.08	188	2665540	19.40	ng/ul	0.00
79) Pyrene-d10	19.38	212	3055342	18.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	2649792	19.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	72798	7.393	ng/uL	94
4) Benzaldehyde	6.76	77	468441	23.459	ng/ul	99
6) Phenol	6.82	94	746628	18.757	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.04	93	583501	19.038	ng/ul	97
10) 2-Chlorophenol	7.18	128	646947	19.395	ng/ul	98
11) 2-Methylphenol	8.05	108	584211	18.539	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.14	45	386783	19.847	ng/ul	97
14) Acetophenone	8.42	105	976460	19.920	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	461356	19.649	ng/ul	96
16) 4-Methylphenol	8.37	108	633554	18.795	ng/ul	98
17) Hexachloroethane	8.67	117	260551	18.834	ng/ul	90
20) Nitrobenzene	8.78	77	714587	19.056	ng/ul	98
21) Isophorone	9.31	82	1307015	18.896	ng/ul	99
23) 2-Nitrophenol	9.49	139	381280	19.705	ng/ul	97
24) 2,4-Dimethylphenol	9.56	107	730092	19.132	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.79	93	810541	19.264	ng/ul	99
27) 2,4-Dichlorophenol	10.02	162	668547	19.345	ng/ul	99
28) Naphthalene	10.42	128	2132728	19.046	ng/ul	100
30) 4-Chloroaniline	10.52	127	921597	23.076	ng/ul	99
31) Hexachlorobutadiene	10.72	225	447003	18.581	ng/ul	97
32) Caprolactam	11.29	113	189472	17.278	ng/ul	98
33) 4-Chloro-3-methylphenol	11.66	107	684438	18.901	ng/ul	96
34) 2-Methylnaphthalene	12.03	142	1560454	19.718	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.26	142	1463611	18.478	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.41	216	870165	19.504	ng/ul	95
38) Hexachlorocyclopentadiene	12.40	237	390939	18.008	ng/ul	100
39) 2,4,6-Trichlorophenol	12.66	196	561568	19.424	ng/ul	96
40) 2,4,5-Trichlorophenol	12.72	196	585074	18.817	ng/ul	97
41) 1,1'-Biphenyl	13.06	154	2022139	19.675	ng/ul	98
42) 2-Chloronaphthalene	13.10	162	1590174	19.141	ng/ul	97
43) 2-Nitroaniline	13.30	65	373295	19.370	ng/ul	98
45) Dimethylphthalate	13.70	163	1957537	18.990	ng/ul	100
46) 2,6-Dinitrotoluene	13.81	165	432045	19.708	ng/ul	99
48) Acenaphthylene	13.95	152	2507537	19.479	ng/ul	99
49) 3-Nitroaniline	14.13	138	422261	20.244	ng/ul	98
50) Acenaphthene	14.30	153	1683039	19.106	ng/ul	97
51) 2,4-Dinitrophenol	14.35	184	174155	16.771	ng/ul	99
53) 4-Nitrophenol	14.46	109	292597	18.697	ng/ul	96
54) Dibenzofuran	14.63	168	2456163	19.917	ng/ul	98
55) 2,4-Dinitrotoluene	14.60	165	577656	18.497	ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	14.87	232	523031	19.250	ng/ul	94
57) Diethylphthalate	15.07	149	1945530	18.772	ng/ul	99
59) Fluorene	15.29	166	1939250	19.180	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.29	204	993498	19.214	ng/ul	99
61) 4-Nitroaniline	15.30	138	483160	20.451	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.37	198	313642	18.818	ng/ul	93
65) N-Nitrosodiphenylamine	15.50	169	1704549	19.833	ng/ul	97
66) 4-Bromophenyl-phenylether	16.18	248	596876	18.427	ng/ul	92
67) Hexachlorobenzene	16.30	284	692818	18.804	ng/ul	95
68) Atrazine	16.46	200	572082	16.852	ng/ul	98
69) Pentachlorophenol	16.64	266	412411	17.533	ng/ul	95
70) Phenanthrene	17.02	178	3198608	19.415	ng/ul	99
72) Anthracene	17.12	178	3161994	18.933	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.02	216	854382	18.158	ng/uL	96
74) Pentachlorobenzene	14.56	250	807070	17.596	ng/uL	97
75) Carbazole	17.39	167	2903210	21.163	ng/ul	99
76) Di-n-butylphthalate	17.97	149	3338102	19.317	ng/ul	100
77) Fluoranthene	19.05	202	3734546	20.863	ng/ul	98
80) Pyrene	19.41	202	4015679	18.788	ng/ul	98
81) Butylbenzylphthalate	20.33	149	1581863	17.158	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.11	252	1124024	17.629	ng/ul	98
83) Benzo(a)anthracene	21.17	228	3726947	18.162	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.13	149	2375893	17.843	ng/ul	99
85) Chrysene	21.22	228	3594801	18.631	ng/ul	98
87) Di-n-octyl phthalate	22.00	149	4124746	22.183	ng/ul	100
88) Benzo(b)fluoranthene	22.72	252	3249776	19.051	ng/ul	99
89) Benzo(k)fluoranthene	22.76	252	3232298	19.098	ng/ul	100
91) Benzo(a)pyrene	23.27	252	3029649	19.990	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.52	276	3163284	18.543	ng/ul	99
93) Dibenzo(a,h)anthracene	25.53	278	2668115	18.622	ng/ul	96
94) Benzo(g,h,i)perylene	26.17	276	2623882	18.586	ng/ul	98

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

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