Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121055.D
Acq On : 28 Jul 2020 2:52
Operator : JU/CG
Sample : L3382-03MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-007MSD

Quant Time: Jul 28 03:15:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	175732	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	692356	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	374219	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	717554	20.00	ng		0.00
76) Chrysene-d12	13.97	240	493504	20.00	ng		0.00
86) Perylene-d12	15.42	264	438230	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1131696	105.57	ng		0.02
7) Phenol-d6	6.45	99	1340930	96.84	ng		0.00
23) Nitrobenzene-d5	7.38	82	988971	82.65	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	499625	121.97	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1691419	67.48	ng		0.00
79) Terphenyl-d14	12.92	244	1868583	82.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	187809	38.068	ng	#	84
3) Pyridine	3.42	79	379282	28.900	ng		100
4) n-Nitrosodimethylamine	3.35	42	230241	41.027	ng		96
6) Aniline	6.48	93	528174	29.221	ng		99
8) 2-Chlorophenol	6.60	128	530674	44.938	ng		97
9) Benzaldehyde	6.36	77	219068	30.617	ng		97
10) Phenol	6.47	94	547925	35.972	ng		93
11) bis(2-Chloroethyl)ether	6.55	93	512618	43.912	ng		100
12) 1,3-Dichlorobenzene	6.76	146	505922	39.509	ng		98
13) 1,4-Dichlorobenzene	6.83	146	508789	39.958	ng		99
14) 1,2-Dichlorobenzene	6.99	146	497505	41.301	ng		99
15) Benzyl Alcohol	6.96	79	432298	44.146	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	689463	40.976	ng		96
17) 2-Methylphenol	7.07	107	425728	40.675	ng		99
18) Hexachloroethane	7.33	117	190534	41.343	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	336205	42.699	ng		99
20) 3+4-Methylphenols	7.23	107	451429	33.905	ng	#	84
22) Acetophenone	7.23	105	664638	42.774	ng		96
24) Nitrobenzene	7.40	77	535537	41.526	ng		99
25) Isophorone	7.64	82	1023123	42.844	ng		99
26) 2-Nitrophenol	7.72	139	284898	46.515	ng		99
27) 2,4-Dimethylphenol	7.76	122	464743	46.734	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	661928	45.409	ng		100
29) 2,4-Dichlorophenol	7.96	162	454803	44.756	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	469673	41.659	ng		98
31) Naphthalene	8.12	128	1449529	40.815	ng		100
32) Benzoic acid	7.85	122	100300	13.436	ng		93
33) 4-Chloroaniline	8.17	127	361319	22.806	ng		98
34) Hexachlorobutadiene	8.24	225	262293	39.465	ng		99
35) Caprolactam	8.55	113	116612	35.785	ng		99
36) 4-Chloro-3-methylphenol	8.66	107	475881	45.662	ng		96
37) 2-Methylnaphthalene	8.81	142	1019679	44.219	ng		99
38) 1-Methylnaphthalene	8.91	142	962655	44.078	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	461355	42.314	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	429213	71.228 ng		97
43) 2,4,6-Trichlorophenol	9.09	196	340108	44.303 ng		97
44) 2,4,5-Trichlorophenol	9.13	196	361102	41.468 ng		99
46) 1,1'-Biphenyl	9.27	154	1252827	43.889 ng		98
47) 2-Chloronaphthalene	9.30	162	969427	41.654 ng		100
48) 2-Nitroaniline	9.40	65	311391	44.274 ng		92
49) Acenaphthylene	9.72	152	1564821	43.280 ng		100
50) Dimethylphthalate	9.58	163	1218103	45.119 ng		99
51) 2,6-Dinitrotoluene	9.64	165	274673	47.356 ng		94
52) Acenaphthene	9.89	154	944008	41.068 ng		100
53) 3-Nitroaniline	9.81	138	219463	30.169 ng		95
54) 2,4-Dinitrophenol	9.91	184	65490	24.774 ng		96
55) Dibenzofuran	10.06	168	1393276	41.915 ng		99
56) 4-Nitrophenol	9.97	139	392058	70.949 ng		100
57) 2,4-Dinitrotoluene	10.05	165	360982	47.393 ng		97
58) Fluorene	10.40	166	975372	39.342 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	315030	47.515 ng		96
60) Diethylphthalate	10.28	149	1221754	44.741 ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	489519	37.019 ng		99
62) 4-Nitroaniline	10.42	138	289838	40.903 ng		100
63) Azobenzene	10.55	77	1109369	42.673 ng		97
65) 4,6-Dinitro-2-methylphenol	10.45	198	78069	21.136 ng		96
66) n-Nitrosodiphenylamine	10.52	169	1001398	44.363 ng		99
67) 4-Bromophenyl-phenylether	10.88	248	353091	44.135 ng		97
68) Hexachlorobenzene	10.95	284	388353	44.875 ng	#	88
69) Atrazine	11.04	200	295089	52.786 ng		99
70) Pentachlorophenol	11.14	266	374424	75.522 ng		99
71) Phenanthrene	11.36	178	1535073	41.596 ng		100
72) Anthracene	11.42	178	1605050	43.313 ng		99
73) Carbazole	11.57	167	1550378	42.158 ng		99
74) Di-n-butylphthalate	11.90	149	1883730	44.387 ng		99
75) Fluoranthene	12.55	202	1692350	41.372 ng		98
77) Benzidine	12.67	184	760239	58.592 ng		98
78) Pyrene	12.78	202	1730432	49.595 ng		100
80) Butylbenzylphthalate	13.40	149	799384	51.394 ng		98
81) Benzo(a)anthracene	13.97	228	1264534	42.315 ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	470969	41.773 ng		99
83) Chrysene	14.00	228	1383475	44.053 ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	982819	51.243 ng	#	99
85) Di-n-octyl phthalate	14.57	149	1848880	48.453 ng		99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1317744	43.237 ng		99
88) Benzo(b)fluoranthene	15.00	252	1249108	47.155 ng		100
89) Benzo(k)fluoranthene	15.03	252	1262804	52.272 ng		99
90) Benzo(a)pyrene	15.36	252	1104215	45.689 ng		99
91) Dibenzo(a,h)anthracene	16.87	278	1125873	45.224 ng		98
92) Benzo(g,h,i)perylene	17.29	276	1083385	44.136 ng		98

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

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