Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002588.D
Acq On : 01 Jul 2020 04:44
Operator : CG/JU
Sample : L2819-08MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-03-062620MSD

Quant Time: Jul 01 07:27:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3580	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	50	20.00	ng		0.00
39) Acenaphthene-d10	14.36	164	424	20.00	ng		0.14
64) Phenanthrene-d10	17.16	188	46	20.00	ng		0.18
76) Chrysene-d12	21.31	240	55	20.00	ng		0.22
86) Perylene-d12	23.52	264	60	20.00	ng		0.24
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1201938	5684.40	ng		0.00
7) Phenol-d6	6.78	99	1501957	5089.27	ng		0.00
23) Nitrobenzene-d5	8.72	82	1188237	1224485.11	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	700378	135810.24	ng		0.00
45) 2-Fluorobiphenyl	12.84	172	2491265	86479.39	ng		0.00
79) Terphenyl-d14	19.57	244	3680316	1444346.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	145418	1604.623	ng	#	60
3) Pyridine	3.53	79	561656	2091.115	ng		100
4) n-Nitrosodimethylamine	3.45	42	289609	2540.138	ng		96
6) Aniline	6.90	93	657511	1773.470	ng		99
8) 2-Chlorophenol	7.15	128	502762	2140.519	ng		98
9) Benzaldehyde	6.72	77	194407	Below Cal			99
10) Phenol	6.80	94	561904	1888.032	ng		99
11) bis(2-Chloroethyl)ether	7.01	93	482496	1975.264	ng		99
12) 1,3-Dichlorobenzene	7.46	146	513217	1893.561	ng		98
13) 1,4-Dichlorobenzene	7.60	146	529816	1918.776	ng		99
14) 1,2-Dichlorobenzene	7.92	146	509192	1915.776	ng		99
15) Benzyl Alcohol	7.82	79	480414	2166.395	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.11	45	660636	1941.155	ng		99
17) 2-Methylphenol	8.03	107	439689	1973.784	ng		99
18) Hexachloroethane	8.64	117	189784	1904.379	ng		99
19) n-Nitroso-di-n-propylamine	8.38	70	393083	2030.032	ng		98
20) 3+4-Methylphenols	8.36	107	585033	1947.960	ng		99
22) Acetophenone	8.39	105	740331	584990.623	ng	#	99
24) Nitrobenzene	8.76	77	618588	602244.218	ng		99
25) Isophorone	9.29	82	1173991	603613.333	ng		99
26) 2-Nitrophenol	9.47	139	299316	638955.619	ng		99
27) 2,4-Dimethylphenol	9.55	122	474504	668480.172	ng		100
28) bis(2-Chloroethoxy)methane	9.78	93	690038	617632.293	ng		98
29) 2,4-Dichlorophenol	10.00	162	534049	652820.892	ng		97
30) 1,2,4-Trichlorobenzene	10.22	180	535408	581344.853	ng		99
31) Naphthalene	10.39	128	1576059	595441.103	ng		99
32) Benzoic acid	9.73	122	235412	345735.271	ng		97
33) 4-Chloroaniline	10.51	127	469723	405709.789	ng		99
34) Hexachlorobutadiene	10.69	225	313142	555494.074	ng		97
35) Caprolactam	11.29	113	70022	254632.611	ng		98
36) 4-Chloro-3-methylphenol	11.66	107	604960	674711.345	ng		100
37) 2-Methylnaphthalene	12.02	142	1184256	613628.384	ng		99
38) 1-Methylnaphthalene	12.23	142	1270819	699170.330	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	596302	45039.863	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	482993	66062.585 ng	99
43) 2,4,6-Trichlorophenol	12.72	196	493502	55089.464 ng	99
44) 2,4,5-Trichlorophenol	12.72	196	493502	47855.557 ng	99
46) 1,1'-Biphenyl	13.05	154	1468865	45798.095 ng	99
47) 2-Chloronaphthalene	13.09	162	1174263	44977.565 ng	99
48) 2-Nitroaniline	13.30	65	425196	51050.570 ng	96
49) Acenaphthylene	13.94	152	1904539	46352.065 ng	99
50) Dimethylphthalate	13.70	163	1921342	57694.873 ng	100
51) 2,6-Dinitrotoluene	13.80	165	361165	50215.687 ng	97
52) Acenaphthene	14.29	154	1127502	46510.033 ng	99
53) 3-Nitroaniline	14.13	138	325394	41550.522 ng	100
54) 2,4-Dinitrophenol	14.35	184	445998	92010.332 ng	100
55) Dibenzofuran	14.63	168	1790249	45569.785 ng	98
56) 4-Nitrophenol	14.47	139	541461	84920.776 ng	96
57) 2,4-Dinitrotoluene	14.60	165	497832	51454.977 ng	98
58) Fluorene	15.28	166	1322975	44217.038 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	440830	52917.830 ng	100
60) Diethylphthalate	15.07	149	1570542	47427.368 ng	99
61) 4-Chlorophenyl-phenylether	15.28	204	671676	41860.637 ng	98
62) 4-Nitroaniline	15.31	138	395525	50532.093 ng	99
63) Azobenzene	15.57	77	1564862	48872.450 ng	99
65) 4,6-Dinitro-2-methylphenol	15.38	198	318339	1014515.260 ng	98
66) n-Nitrosodiphenylamine	15.50	169	1307671	973803.828 ng	98
67) 4-Bromophenyl-phenylether	16.18	248	481121	930738.701 ng	98
68) Hexachlorobenzene	16.30	284	532644	961824.776 ng	97
69) Atrazine	16.47	200	441418	1024445.361 ng	99
70) Pentachlorophenol	16.65	266	641758	1960306.302 ng	97
71) Phenanthrene	17.12	178	2474541	999819.206 ng	99
72) Anthracene	17.12	178	2472585	1003942.584 ng	99
73) Carbazole	17.39	167	2304239	968076.803 ng	99
74) Di-n-butylphthalate	17.97	149	2810512	1002615.592 ng	99
75) Fluoranthene	19.36	202	2914882	972980.406 ng	98
77) Benzidine	19.19	184	1842643	Below Cal	100
78) Pyrene	19.36	202	2913811	778329.774 ng	99
80) Butylbenzylphthalate	20.26	149	1270459	777334.435 ng	98
81) Benzo(a)anthracene	21.13	228	2419832	672975.220 ng	96
82) 3,3'-Dichlorobenzidine	21.01	252	856211	650408.433 ng	97
83) Chrysene	21.13	228	2417166	701038.225 ng	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	1760663	750210.013 ng	99
85) Di-n-octyl phthalate	21.89	149	3090426	745544.274 ng	100
87) Indeno(1,2,3-cd)pyrene	25.50	276	2320973	537249.096 ng	100
88) Benzo(b)fluoranthene	22.67	252	2355618	615276.354 ng	98
89) Benzo(k)fluoranthene	22.67	252	2352321	658610.058 ng	97
90) Benzo(a)pyrene	23.19	252	2165264	616297.992 ng	100
91) Dibenzo(a,h)anthracene	25.52	278	1980650	561072.844 ng	99
92) Benzo(g,h,i)perylene	26.17	276	1746807	494776.393 ng	99

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

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