Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090820\
Data File : BP003222.D
Acq On : 08 Sep 2020 11:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Sep 08 16:04:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 14:37:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	267514	20.00	ng		0.00
21) Naphthalene-d8	10.43	136	1055023	20.00	ng		0.00
39) Acenaphthene-d10	14.30	164	630957	20.00	ng		0.01
64) Phenanthrene-d10	17.06	188	1308181	20.00	ng		0.01
76) Chrysene-d12	21.16	240	1278443	20.00	ng		0.01
86) Perylene-d12	23.39	264	1508730	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1115713	73.74	ng		0.00
7) Phenol-d6	6.85	99	1445830	76.23	ng		0.01
23) Nitrobenzene-d5	8.80	82	1138794	77.81	ng		0.00
42) 2,4,6-Tribromophenol	15.80	330	645377	75.63	ng		0.01
45) 2-Fluorobiphenyl	12.92	172	3150981	73.13	ng		0.00
79) Terphenyl-d14	19.63	244	4437441	76.38	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	197051	34.065	ng		98
3) Pyridine	3.58	79	553997	36.391	ng		99
4) n-Nitrosodimethylamine	3.49	42	165414	41.610	ng		98
6) Aniline	6.98	93	784037	37.966	ng		98
8) 2-Chlorophenol	7.22	128	633892	37.579	ng		98
9) Benzaldehyde	6.79	77	358944	40.591	ng		99
10) Phenol	6.87	94	665321	37.851	ng		99
11) bis(2-Chloroethyl)ether	7.08	93	521565	37.489	ng		99
12) 1,3-Dichlorobenzene	7.55	146	759006	37.006	ng		99
13) 1,4-Dichlorobenzene	7.69	146	763705	36.883	ng		99
14) 1,2-Dichlorobenzene	8.00	146	724590	36.912	ng		99
15) Benzyl Alcohol	7.89	79	448509	41.969	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.18	45	461425	39.137	ng		98
17) 2-Methylphenol	8.10	107	483476	38.610	ng		99
18) Hexachloroethane	8.73	117	257950	38.080	ng		99
19) n-Nitroso-di-n-propylamine	8.46	70	337713	39.409	ng		99
20) 3+4-Methylphenols	8.43	107	657599	38.976	ng		99
22) Acetophenone	8.47	105	859342	36.575	ng	#	99
24) Nitrobenzene	8.85	77	553116	38.480	ng		100
25) Isophorone	9.37	82	1014153	39.276	ng		98
26) 2-Nitrophenol	9.55	139	355896	41.541	ng		99
27) 2,4-Dimethylphenol	9.63	122	488840	37.956	ng		100
28) bis(2-Chloroethoxy)methane	9.85	93	704125	36.612	ng		99
29) 2,4-Dichlorophenol	10.09	162	612305	38.320	ng		98
30) 1,2,4-Trichlorobenzene	10.30	180	699046	36.743	ng		99
31) Naphthalene	10.49	128	1970239	36.349	ng		100
32) Benzoic acid	9.80	122	355775	38.012	ng		97
33) 4-Chloroaniline	10.59	127	842073	37.181	ng		99
34) Hexachlorobutadiene	10.78	225	422891	37.037	ng		99
35) Caprolactam	11.37	113	198625	41.365	ng		99
36) 4-Chloro-3-methylphenol	11.74	107	580523	38.911	ng		99
37) 2-Methylnaphthalene	12.10	142	1404117	36.212	ng		100
38) 1-Methylnaphthalene	12.33	142	1332329	36.151	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	696590	37.249	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	332982	37.667 ng	99
43) 2,4,6-Trichlorophenol	12.73	196	486996	39.604 ng	98
44) 2,4,5-Trichlorophenol	12.81	196	501736	38.575 ng	98
46) 1,1'-Biphenyl	13.13	154	1734877	36.657 ng	99
47) 2-Chloronaphthalene	13.17	162	1429960	36.912 ng	99
48) 2-Nitroaniline	13.37	65	318715	43.940 ng	96
49) Acenaphthylene	14.02	152	2191679	37.414 ng	99
50) Dimethylphthalate	13.76	163	1773200	36.852 ng	100
51) 2,6-Dinitrotoluene	13.88	165	390614	39.061 ng	98
52) Acenaphthene	14.37	154	1306572	36.306 ng	100
53) 3-Nitroaniline	14.21	138	450945	39.801 ng	98
54) 2,4-Dinitrophenol	14.43	184	162000	34.536 ng	98
55) Dibenzofuran	14.70	168	2032143	35.955 ng	98
56) 4-Nitrophenol	14.55	139	312111	38.291 ng	96
57) 2,4-Dinitrotoluene	14.67	165	535367	39.816 ng	95
58) Fluorene	15.36	166	1591689	36.559 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	428971	36.453 ng	99
60) Diethylphthalate	15.14	149	1770102	37.497 ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	817641	36.366 ng	99
62) 4-Nitroaniline	15.38	138	475845	40.858 ng	99
63) Azobenzene	15.65	77	1214484	38.763 ng	96
65) 4,6-Dinitro-2-methylphenol	15.45	198	251449	40.192 ng	98
66) n-Nitrosodiphenylamine	15.57	169	1420038	37.124 ng	100
67) 4-Bromophenyl-phenylether	16.25	248	533837	36.975 ng	97
68) Hexachlorobenzene	16.37	284	630817	36.699 ng	99
69) Atrazine	16.53	200	491922	38.130 ng	99
70) Pentachlorophenol	16.72	266	305784	37.201 ng	99
71) Phenanthrene	17.10	178	2542847	35.873 ng	99
72) Anthracene	17.19	178	2487800	36.671 ng	100
73) Carbazole	17.46	167	2455603	37.715 ng	99
74) Di-n-butylphthalate	18.03	149	3001450	39.215 ng	99
75) Fluoranthene	19.08	202	2988037	36.472 ng	100
77) Benzidine	19.26	184	1067100	36.521 ng	99
78) Pyrene	19.43	202	3097813	37.335 ng	100
80) Butylbenzylphthalate	20.31	149	1459333	42.716 ng	100
81) Benzo(a)anthracene	21.14	228	2967590	37.058 ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	1172439	39.803 ng	99
83) Chrysene	21.19	228	2820419	36.785 ng	100
84) Bis(2-ethylhexyl)phthalate	21.08	149	1977158	40.074 ng	99
85) Di-n-octyl phthalate	21.95	149	3537773	41.823 ng	99
87) Indeno(1,2,3-cd)pyrene	25.69	276	3851836	34.235 ng	100
88) Benzo(b)fluoranthene	22.72	252	3336864	35.585 ng	100
89) Benzo(k)fluoranthene	22.77	252	3083585	34.417 ng	100
90) Benzo(a)pyrene	23.30	252	3078462	35.386 ng	99
91) Dibenzo(a,h)anthracene	25.69	278	3152109	34.104 ng	99
92) Benzo(g,h,i)perylene	26.38	276	3227409	34.795 ng	100

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

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