Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101920\
Data File : BP003671.D
Acq On : 19 Oct 2020 16:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Oct 19 17:18:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 19 14:54:24 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.528	152	133150	20.00	ng		0.00
21) Naphthalene-d8	11.375	136	469564	20.00	ng	#	0.00
39) Acenaphthene-d10	15.128	164	314096	20.00	ng		0.00
64) Phenanthrene-d10	17.845	188	720889	20.00	ng		0.00
76) Chrysene-d12	21.851	240	746320	20.00	ng	#	0.00
86) Perylene-d12	24.421	264	691041	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.016	112	623633	78.32	ng		0.00
7) Phenol-d6	7.675	99	878901	78.12	ng		0.00
23) Nitrobenzene-d5	9.693	82	871658	78.53	ng		0.00
42) 2,4,6-Tribromophenol	16.598	330	397069	81.03	ng		0.00
45) 2-Fluorobiphenyl	13.757	172	1853559	76.29	ng		0.00
79) Terphenyl-d14	20.310	244	3294594	77.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.687	88	130821	38.45	ng	#	86
3) Pyridine	4.128	79	376321	39.11	ng	#	88
4) n-Nitrosodimethylamine	4.022	42	160731	39.16	ng	#	60
6) Aniline	7.822	93	493039	39.49	ng	#	86
8) 2-Chlorophenol	8.093	128	306912	38.72	ng		82
9) Benzaldehyde	7.622	77	219825	40.88	ng	#	78
10) Phenol	7.699	94	417172	38.94	ng		75
11) bis(2-Chloroethyl)ether	7.904	93	324396	38.15	ng		88
12) 1,3-Dichlorobenzene	8.422	146	393546	38.50	ng	#	91
13) 1,4-Dichlorobenzene	8.563	146	397577	38.51	ng	#	94
14) 1,2-Dichlorobenzene	8.899	146	376865	38.52	ng	#	94
15) Benzyl Alcohol	8.757	79	342283	39.80	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	9.051	45	327092	38.82	ng		98
17) 2-Methylphenol	8.975	107	276658	38.98	ng	#	89
18) Hexachloroethane	9.651	117	153064	38.47	ng		96
19) n-Nitroso-di-n-propyla...	9.328	70	272292	39.61	ng	#	85
20) 3+4-Methylphenols	9.304	107	378418	39.61	ng		90
22) Acetophenone	9.346	105	523819	38.12	ng	#	87
24) Nitrobenzene	9.740	77	417542	39.07	ng	#	77
25) Isophorone	10.263	82	703836	39.35	ng	#	88
26) 2-Nitrophenol	10.463	139	162285	40.66	ng	#	60
27) 2,4-Dimethylphenol	10.522	122	243941	38.92	ng	#	85
28) bis(2-Chloroethoxy)met...	10.734	93	441265	38.67	ng	#	97
29) 2,4-Dichlorophenol	11.016	162	322636	39.24	ng		93
30) 1,2,4-Trichlorobenzene	11.240	180	404553	38.39	ng		99
31) Naphthalene	11.422	128	964718	38.11	ng		100
32) Benzoic acid	10.663	122	161965	38.01	ng	#	63
33) 4-Chloroaniline	11.504	127	411023	39.40	ng	#	85
34) Hexachlorobutadiene	11.734	225	305289	38.39	ng		100
35) Caprolactam	12.234	113	98655	40.97	ng	#	63
36) 4-Chloro-3-methylphenol	12.604	107	356390	39.95	ng	#	82
37) 2-Methylnaphthalene	12.992	142	709483	38.63	ng	#	94
38) 1-Methylnaphthalene	13.204	142	667293	38.43	ng	#	100
40) 1,2,4,5-Tetrachloroben...	13.363	216	472938	38.02	ng		98
41) Hexachlorocyclopentadiene	13.357	237	281258	39.06	ng		98
43) 2,4,6-Trichlorophenol	13.581	196	290660	39.27	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.657	196	301096	39.16	ng	#	94
46) 1,1'-Biphenyl	13.963	154	933045	38.09	ng		98
47) 2-Chloronaphthalene	14.016	162	774468	37.81	ng		98
48) 2-Nitroaniline	14.186	65	247515	40.92	ng	#	58
49) Acenaphthylene	14.851	152	1129226	38.62	ng		99
50) Dimethylphthalate	14.551	163	999447	38.72	ng		99
51) 2,6-Dinitrotoluene	14.663	165	208691	39.76	ng	#	62
52) Acenaphthene	15.192	154	766338	38.83	ng		91
53) 3-Nitroaniline	14.992	138	210417	40.83	ng	#	57
54) 2,4-Dinitrophenol	15.192	184	105482	38.15	ng	#	1
55) Dibenzofuran	15.516	168	1145318	38.38	ng		97
56) 4-Nitrophenol	15.298	139	159530	41.37	ng	#	39
57) 2,4-Dinitrotoluene	15.445	165	292914	41.24	ng	#	69
58) Fluorene	16.157	166	932615	38.74	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.745	232	291959	39.59	ng		94
60) Diethylphthalate	15.892	149	990635	39.18	ng		99
61) 4-Chlorophenyl-phenyle...	16.133	204	561452	38.57	ng		96
62) 4-Nitroaniline	16.151	138	231255	40.46	ng	#	58
63) Azobenzene	16.422	77	925745	38.95	ng		84
65) 4,6-Dinitro-2-methylph...	16.216	198	148801	39.15	ng		89
66) n-Nitrosodiphenylamine	16.339	169	811557	37.82	ng		100
67) 4-Bromophenyl-phenylether	17.022	248	371170	38.45	ng		98
68) Hexachlorobenzene	17.186	284	424593	38.23	ng		97
69) Atrazine	17.263	200	324491	38.78	ng		96
70) Pentachlorophenol	17.510	266	220216	40.15	ng		99
71) Phenanthrene	17.886	178	1523497	38.03	ng		99
72) Anthracene	17.974	178	1476233	38.15	ng		99
73) Carbazole	18.216	167	1321998	38.41	ng		99
74) Di-n-butylphthalate	18.722	149	1658952	39.48	ng	#	98
75) Fluoranthene	19.798	202	1906290	38.73	ng		98
77) Benzidine	19.933	184	728990	40.77	ng		99
78) Pyrene	20.145	202	1923529	38.48	ng		99
80) Butylbenzylphthalate	20.945	149	741193	40.48	ng	#	78
81) Benzo(a)anthracene	21.833	228	1933048	38.85	ng		99
82) 3,3'-Dichlorobenzidine	21.739	252	697166	40.01	ng	#	99
83) Chrysene	21.892	228	1820193	38.58	ng		98
84) Bis(2-ethylhexyl)phtha...	21.698	149	1054181	40.22	ng	#	97
85) Di-n-octyl phthalate	22.657	149	1736360	40.82	ng	#	92
87) Indeno(1,2,3-cd)pyrene	27.109	276	1886341	38.03	ng	#	91
88) Benzo(b)fluoranthene	23.633	252	1856716	38.51	ng	#	97
89) Benzo(k)fluoranthene	23.686	252	1857752	40.37	ng	#	96
90) Benzo(a)pyrene	24.309	252	1694635	39.42	ng	#	96
91) Dibenzo(a,h)anthracene	27.109	278	1586698	38.27	ng	#	93
92) Benzo(g,h,i)perylene	27.939	276	1444168	37.58	ng	#	91

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

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