Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102220\
Data File : BP003695.D
Acq On : 22 Oct 2020 12:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Oct 22 13:48:42 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	153756	20.00	ng		0.00
21) Naphthalene-d8	11.375	136	536351	20.00	ng	#	0.00
39) Acenaphthene-d10	15.127	164	351480	20.00	ng		0.00
64) Phenanthrene-d10	17.845	188	791701	20.00	ng		0.00
76) Chrysene-d12	21.857	240	793122	20.00	ng	#	0.00
86) Perylene-d12	24.427	264	726807	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.022	112	714418	77.70	ng		0.00
7) Phenol-d6	7.675	99	1013051	77.98	ng		0.00
23) Nitrobenzene-d5	9.698	82	976870	77.05	ng		0.00
42) 2,4,6-Tribromophenol	16.598	330	436630	79.63	ng		0.00
45) 2-Fluorobiphenyl	13.757	172	2103484	77.37	ng		0.00
79) Terphenyl-d14	20.310	244	3513447	77.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.687	88	154202	39.25	ng	#	87
3) Pyridine	4.128	79	434345	39.09	ng	#	90
4) n-Nitrosodimethylamine	4.028	42	177867	37.53	ng	#	67
6) Aniline	7.828	93	565750	39.24	ng	#	87
8) 2-Chlorophenol	8.093	128	353975	38.67	ng		82
9) Benzaldehyde	7.622	77	251077	40.28	ng	#	77
10) Phenol	7.704	94	485189	39.22	ng		79
11) bis(2-Chloroethyl)ether	7.910	93	381902	38.90	ng		92
12) 1,3-Dichlorobenzene	8.422	146	450309	38.15	ng	#	92
13) 1,4-Dichlorobenzene	8.563	146	453083	38.00	ng	#	93
14) 1,2-Dichlorobenzene	8.898	146	426991	37.80	ng	#	94
15) Benzyl Alcohol	8.757	79	388392	39.11	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	9.057	45	378074	38.86	ng		99
17) 2-Methylphenol	8.975	107	320112	39.06	ng	#	87
18) Hexachloroethane	9.657	117	175446	38.18	ng		94
19) n-Nitroso-di-n-propyla...	9.334	70	307208	38.70	ng	#	87
20) 3+4-Methylphenols	9.304	107	427156	38.72	ng		92
22) Acetophenone	9.351	105	602021	38.35	ng	#	88
24) Nitrobenzene	9.739	77	472077	38.67	ng	#	76
25) Isophorone	10.263	82	795923	38.95	ng	#	88
26) 2-Nitrophenol	10.469	139	180644	39.62	ng	#	66
27) 2,4-Dimethylphenol	10.522	122	282207	39.42	ng	#	86
28) bis(2-Chloroethoxy)met...	10.734	93	506972	38.90	ng		98
29) 2,4-Dichlorophenol	11.016	162	363302	38.68	ng		95
30) 1,2,4-Trichlorobenzene	11.239	180	460133	38.23	ng		98
31) Naphthalene	11.428	128	1106318	38.26	ng		99
32) Benzoic acid	10.669	122	171873	35.67	ng	#	65
33) 4-Chloroaniline	11.504	127	462037	38.77	ng	#	85
34) Hexachlorobutadiene	11.733	225	346091	38.11	ng		100
35) Caprolactam	12.233	113	108442	39.43	ng	#	61
36) 4-Chloro-3-methylphenol	12.610	107	397963	39.06	ng		83
37) 2-Methylnaphthalene	12.992	142	806716	38.45	ng	#	95
38) 1-Methylnaphthalene	13.204	142	762013	38.42	ng	#	99
40) 1,2,4,5-Tetrachloroben...	13.363	216	540534	38.83	ng		99
41) Hexachlorocyclopentadiene	13.357	237	319211	39.61	ng		98
43) 2,4,6-Trichlorophenol	13.580	196	324336	39.16	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.657	196	336631	39.12	ng	#	94
46) 1,1'-Biphenyl	13.963	154	1060391	38.69	ng		98
47) 2-Chloronaphthalene	14.016	162	885071	38.61	ng		99
48) 2-Nitroaniline	14.192	65	272247	40.22	ng	#	60
49) Acenaphthylene	14.851	152	1278061	39.06	ng		99
50) Dimethylphthalate	14.551	163	1106407	38.31	ng		99
51) 2,6-Dinitrotoluene	14.663	165	232141	39.52	ng	#	60
52) Acenaphthene	15.192	154	851454	38.55	ng		91
53) 3-Nitroaniline	14.998	138	231632	40.17	ng	#	62
54) 2,4-Dinitrophenol	15.198	184	110549	36.04	ng	#	1
55) Dibenzofuran	15.516	168	1285257	38.49	ng		98
56) 4-Nitrophenol	15.298	139	168524	39.06	ng	#	43
57) 2,4-Dinitrotoluene	15.445	165	318037	40.02	ng	#	68
58) Fluorene	16.163	166	1040453	38.62	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.745	232	328460	39.81	ng		91
60) Diethylphthalate	15.898	149	1085504	38.36	ng		98
61) 4-Chlorophenyl-phenyle...	16.133	204	630533	38.71	ng		96
62) 4-Nitroaniline	16.151	138	252042	39.41	ng	#	59
63) Azobenzene	16.427	77	1027300	38.63	ng		86
65) 4,6-Dinitro-2-methylph...	16.221	198	158459	37.96	ng		91
66) n-Nitrosodiphenylamine	16.345	169	894505	37.95	ng		98
67) 4-Bromophenyl-phenylether	17.021	248	410711	38.75	ng		100
68) Hexachlorobenzene	17.186	284	468880	38.44	ng		95
69) Atrazine	17.263	200	347413	37.80	ng		98
70) Pentachlorophenol	17.510	266	233116	38.70	ng		99
71) Phenanthrene	17.886	178	1672512	38.02	ng		99
72) Anthracene	17.974	178	1623451	38.20	ng		99
73) Carbazole	18.221	167	1440048	38.09	ng		99
74) Di-n-butylphthalate	18.721	149	1783803	38.66	ng	#	98
75) Fluoranthene	19.798	202	2048996	37.91	ng		98
77) Benzidine	19.939	184	709828	37.35	ng		99
78) Pyrene	20.145	202	2083840	39.23	ng		99
80) Butylbenzylphthalate	20.945	149	760141	39.06	ng	#	78
81) Benzo(a)anthracene	21.839	228	2050045	38.77	ng		99
82) 3,3'-Dichlorobenzidine	21.745	252	737403	39.82	ng	#	98
83) Chrysene	21.898	228	1920534	38.31	ng		99
84) Bis(2-ethylhexyl)phtha...	21.698	149	1090054	39.14	ng		99
85) Di-n-octyl phthalate	22.662	149	1744733	38.59	ng	#	92
87) Indeno(1,2,3-cd)pyrene	27.115	276	1993220	38.21	ng	#	91
88) Benzo(b)fluoranthene	23.645	252	1993790	39.31	ng	#	97
89) Benzo(k)fluoranthene	23.692	252	1871978	38.68	ng	#	97
90) Benzo(a)pyrene	24.315	252	1754453	38.80	ng	#	97
91) Dibenzo(a,h)anthracene	27.115	278	1670016	38.30	ng	#	93
92) Benzo(g,h,i)perylene	27.950	276	1546728	38.27	ng	#	91

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

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