Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032521\
Data File : BP005051.D
Acq On : 25 Mar 2021 18:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Mar 25 18:52:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 15:50:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	30254	20.00	ng		0.00
21) Naphthalene-d8	10.510	136	116416	20.00	ng		# 0.00
39) Acenaphthene-d10	14.375	164	78011	20.00	ng		0.00
64) Phenanthrene-d10	17.134	188	158759	20.00	ng		# 0.00
76) Chrysene-d12	21.227	240	160027	20.00	ng		0.00
86) Perylene-d12	23.510	264	156803	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.311	112	155162	78.93	ng		0.00
7) Phenol-d6	6.893	99	227145	80.66	ng		0.00
23) Nitrobenzene-d5	8.875	82	217047	80.00	ng		0.00
42) 2,4,6-Tribromophenol	15.869	330	79251	77.97	ng		0.00
45) 2-Fluorobiphenyl	12.987	172	443239	76.86	ng		0.00
79) Terphenyl-d14	19.704	244	694204	78.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	33256	38.84	ng		97
3) Pyridine	3.658	79	82825	38.91	ng		92
4) n-Nitrosodimethylamine	3.564	42	30832	40.51	ng		80
6) Aniline	7.052	93	127749	40.03	ng	#	87
8) 2-Chlorophenol	7.287	128	81915	39.51	ng	#	82
9) Benzaldehyde	6.869	77	55895	44.07	ng	#	80
10) Phenol	6.922	94	113015	39.16	ng		82
11) bis(2-Chloroethyl)ether	7.152	93	83872	39.70	ng		94
12) 1,3-Dichlorobenzene	7.610	146	90392	39.24	ng	#	90
13) 1,4-Dichlorobenzene	7.752	146	91461	39.10	ng	#	93
14) 1,2-Dichlorobenzene	8.069	146	86941	38.75	ng	#	90
15) Benzyl Alcohol	7.963	79	87429	40.24	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	8.240	45	60837	39.25	ng		92
17) 2-Methylphenol	8.163	107	74547	40.47	ng	#	89
18) Hexachloroethane	8.793	117	34721	38.96	ng		96
19) n-Nitroso-di-n-propyla...	8.528	70	71670	39.23	ng	#	92
20) 3+4-Methylphenols	8.493	107	100626	40.01	ng		93
22) Acetophenone	8.546	105	130678	39.05	ng	#	95
24) Nitrobenzene	8.922	77	111383	38.95	ng	#	77
25) Isophorone	9.446	82	196541	39.25	ng	#	90
26) 2-Nitrophenol	9.628	139	45764	41.27	ng	#	66
27) 2,4-Dimethylphenol	9.693	122	69895	39.19	ng	#	85
28) bis(2-Chloroethoxy)met...	9.928	93	101032	39.86	ng		98
29) 2,4-Dichlorophenol	10.157	162	79649	39.92	ng		92
30) 1,2,4-Trichlorobenzene	10.375	180	89315	39.85	ng		98
31) Naphthalene	10.557	128	259523	39.46	ng		99
32) Benzoic acid	9.834	122	52783	39.87	ng	#	71
33) 4-Chloroaniline	10.675	127	104446	39.26	ng	#	87
34) Hexachlorobutadiene	10.840	225	55807	38.69	ng		97
35) Caprolactam	11.469	113	25703	39.25	ng	#	78
36) 4-Chloro-3-methylphenol	11.804	107	95888	39.78	ng		86
37) 2-Methylnaphthalene	12.175	142	186417	39.26	ng	#	94
38) 1-Methylnaphthalene	12.398	142	175724	39.48	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.551	216	97550	38.40	ng	#	97
41) Hexachlorocyclopentadiene	12.528	237	54531	39.46	ng		99
43) 2,4,6-Trichlorophenol	12.793	196	69061	39.33	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	72682	38.22	ng	#	92
46) 1,1'-Biphenyl	13.198	154	225991	37.98	ng		97
47) 2-Chloronaphthalene	13.240	162	184439	38.08	ng		97
48) 2-Nitroaniline	13.451	65	59830	38.77	ng	#	61
49) Acenaphthylene	14.092	152	291045	38.64	ng		100
50) Dimethylphthalate	13.834	163	227333	37.83	ng	#	98
51) 2,6-Dinitrotoluene	13.951	165	54313	38.35	ng	#	55
52) Acenaphthene	14.434	154	176186	38.01	ng		99
53) 3-Nitroaniline	14.287	138	51169	39.26	ng	#	63
54) 2,4-Dinitrophenol	14.492	184	32791	38.24	ng	#	79
55) Dibenzofuran	14.775	168	289479	38.10	ng		100
56) 4-Nitrophenol	14.598	139	43331	40.53	ng	#	44
57) 2,4-Dinitrotoluene	14.745	165	74732	39.96	ng	#	67
58) Fluorene	15.428	166	234762	38.27	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.998	232	66603	37.97	ng		99
60) Diethylphthalate	15.204	149	227474	38.70	ng		100
61) 4-Chlorophenyl-phenyle...	15.422	204	123544	37.95	ng		100
62) 4-Nitroaniline	15.457	138	54283	40.54	ng	#	59
63) Azobenzene	15.716	77	254039	37.81	ng		86
65) 4,6-Dinitro-2-methylph...	15.510	198	49585	42.80	ng		90
66) n-Nitrosodiphenylamine	15.639	169	206062	40.38	ng		98
67) 4-Bromophenyl-phenylether	16.322	248	74093	40.28	ng		96
68) Hexachlorobenzene	16.434	284	83335	40.29	ng		99
69) Atrazine	16.604	200	69868	41.22	ng		99
70) Pentachlorophenol	16.781	266	56371	41.27	ng		99
71) Phenanthrene	17.175	178	363766	39.52	ng		100
72) Anthracene	17.263	178	360756	40.12	ng		98
73) Carbazole	17.539	167	342979	40.60	ng		98
74) Di-n-butylphthalate	18.098	149	379427	40.81	ng	#	98
75) Fluoranthene	19.151	202	426712	39.41	ng		99
77) Benzidine	19.339	184	151349	43.11	ng		98
78) Pyrene	19.504	202	443322	40.32	ng		100
80) Butylbenzylphthalate	20.380	149	167399	41.02	ng	#	73
81) Benzo(a)anthracene	21.210	228	436107	40.11	ng		99
82) 3,3'-Dichlorobenzidine	21.145	252	149018	40.78	ng		100
83) Chrysene	21.263	228	416363	39.02	ng		97
84) Bis(2-ethylhexyl)phtha...	21.139	149	245969	41.11	ng		98
85) Di-n-octyl phthalate	22.027	149	407679	40.42	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.857	276	474411	40.35	ng		97
88) Benzo(b)fluoranthene	22.821	252	436289	39.18	ng		98
89) Benzo(k)fluoranthene	22.863	252	426904	40.01	ng		98
90) Benzo(a)pyrene	23.410	252	394715	39.53	ng		98
91) Dibenzo(a,h)anthracene	25.874	278	408252	40.16	ng		97
92) Benzo(g,h,i)perylene	26.580	276	390110	39.76	ng		96

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

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