Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080221\
Data File : BP006456.D
Acq On : 02 Aug 2021 18:22
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ICVBP080221

Quant Time: Aug 02 19:55:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 19:55:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	234613	20.000	ng		0.00
21) Naphthalene-d8	10.539	136	956350	20.000	ng	#	0.00
39) Acenaphthene-d10	14.392	164	548973	20.000	ng		0.00
64) Phenanthrene-d10	17.145	188	1069240	20.000	ng	#	0.00
76) Chrysene-d12	21.245	240	1048271	20.000	ng	#	0.00
86) Perylene-d12	23.580	264	1056655	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1245061	82.759	ng		0.00
7) Phenol-d6	6.934	99	1750982	82.439	ng		0.00
23) Nitrobenzene-d5	8.916	82	1624083	80.064	ng		0.00
42) 2,4,6-Tribromophenol	15.886	330	463180	82.514	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	2880846	78.658	ng		0.00
79) Terphenyl-d14	19.721	244	4136696	79.460	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	270224	40.532	ng		91
3) Pyridine	3.699	79	790070	41.035	ng		95
4) n-Nitrosodimethylamine	3.610	42	299213	41.144	ng	#	86
6) Aniline	7.093	93	949037	40.876	ng		96
8) 2-Chlorophenol	7.322	128	662528	40.711	ng		91
9) Benzaldehyde	6.904	77	517388	38.871	ng		93
10) Phenol	6.957	94	870559	40.677	ng		97
11) bis(2-Chloroethyl)ether	7.192	93	662192	40.423	ng		91
12) 1,3-Dichlorobenzene	7.640	146	690990	40.233	ng		97
13) 1,4-Dichlorobenzene	7.792	146	697844	40.163	ng		98
14) 1,2-Dichlorobenzene	8.104	146	666376	39.912	ng		97
15) Benzyl Alcohol	7.998	79	652282	41.012	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.287	45	760362	39.331	ng		92
17) 2-Methylphenol	8.198	107	557217	41.615	ng		99
18) Hexachloroethane	8.822	117	270846	39.778	ng	#	89
19) n-Nitroso-di-n-propyla...	8.569	70	573095	40.695	ng		96
20) 3+4-Methylphenols	8.528	107	756356	41.419	ng		96
22) Acetophenone	8.581	105	1000641	39.684	ng	#	98
24) Nitrobenzene	8.957	77	843818	40.076	ng		92
25) Isophorone	9.481	82	1476467	40.767	ng		95
26) 2-Nitrophenol	9.657	139	325360	43.167	ng		92
27) 2,4-Dimethylphenol	9.728	122	531035	41.172	ng		99
28) bis(2-Chloroethoxy)met...	9.969	93	783782	39.577	ng		98
29) 2,4-Dichlorophenol	10.192	162	540527	41.455	ng		95
30) 1,2,4-Trichlorobenzene	10.404	180	562722	39.737	ng		97
31) Naphthalene	10.592	128	2029777	39.841	ng		99
32) Benzoic acid	9.863	122	418911	42.776	ng		91
33) 4-Chloroaniline	10.704	127	827541	40.632	ng		95
34) Hexachlorobutadiene	10.875	225	330170	39.884	ng		99
35) Caprolactam	11.504	113	195468	40.888	ng	#	72
36) 4-Chloro-3-methylphenol	11.833	107	670497	41.223	ng		91
37) 2-Methylnaphthalene	12.204	142	1376745	40.260	ng		99
38) 1-Methylnaphthalene	12.428	142	1299602	40.012	ng		100
40) 1,2,4,5-Tetrachloroben...	12.575	216	565200	39.502	ng	#	96
41) Hexachlorocyclopentadiene	12.551	237	313306	41.316	ng		99
43) 2,4,6-Trichlorophenol	12.822	196	399952	41.679	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.886	196	437800	41.213	ng	#	88
46) 1,1'-Biphenyl	13.227	154	1629539	39.267	ng		96
47) 2-Chloronaphthalene	13.263	162	1253327	39.217	ng		95
48) 2-Nitroaniline	13.475	65	448386	41.835	ng		88
49) Acenaphthylene	14.110	152	2032895	40.040	ng		100
50) Dimethylphthalate	13.863	163	1560921	39.551	ng		100
51) 2,6-Dinitrotoluene	13.975	165	354891	41.328	ng	#	80
52) Acenaphthene	14.457	154	1218378	38.916	ng		98
53) 3-Nitroaniline	14.304	138	396971	41.710	ng		82
54) 2,4-Dinitrophenol	14.510	184	193019	41.409	ng	#	86
55) Dibenzofuran	14.792	168	1906754	38.884	ng		95
56) 4-Nitrophenol	14.610	139	350855	40.589	ng		85
57) 2,4-Dinitrotoluene	14.763	165	486572	42.447	ng	#	84
58) Fluorene	15.445	166	1538642	39.496	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	365607	41.032	ng	#	73
60) Diethylphthalate	15.233	149	1652126	40.261	ng		97
61) 4-Chlorophenyl-phenyle...	15.445	204	693484	39.175	ng		90
62) 4-Nitroaniline	15.474	138	422064	39.241	ng		90
63) Azobenzene	15.739	77	1901941	40.138	ng		93
65) 4,6-Dinitro-2-methylph...	15.527	198	264407	41.331	ng		75
66) n-Nitrosodiphenylamine	15.663	169	1341067	40.508	ng		99
67) 4-Bromophenyl-phenylether	16.345	248	413097	40.294	ng	#	90
68) Hexachlorobenzene	16.445	284	464831	40.236	ng	#	88
69) Atrazine	16.621	200	426291	41.854	ng		95
70) Pentachlorophenol	16.792	266	309952	43.160	ng		99
71) Phenanthrene	17.192	178	2344120	39.089	ng		99
72) Anthracene	17.280	178	2321628	40.407	ng		100
73) Carbazole	17.557	167	2352541	40.312	ng		98
74) Di-n-butylphthalate	18.121	149	2793538	42.391	ng		100
75) Fluoranthene	19.162	202	2682421	40.188	ng		94
77) Benzidine	19.351	184	1173566	45.485	ng		99
78) Pyrene	19.515	202	2763665	39.990	ng		99
80) Butylbenzylphthalate	20.409	149	1295238	40.008	ng		88
81) Benzo(a)anthracene	21.233	228	2669286	39.552	ng		99
82) 3,3'-Dichlorobenzidine	21.174	252	749299	41.890	ng	#	97
83) Chrysene	21.286	228	2588097	39.360	ng		98
84) Bis(2-ethylhexyl)phtha...	21.174	149	1955484	42.396	ng	#	96
85) Di-n-octyl phthalate	22.080	149	3249653	41.607	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.003	276	3109922	41.022	ng	#	88
88) Benzo(b)fluoranthene	22.874	252	2818352	41.549	ng	#	96
89) Benzo(k)fluoranthene	22.921	252	2608779	39.646	ng	#	96
90) Benzo(a)pyrene	23.480	252	2511500	41.357	ng	#	95
91) Dibenzo(a,h)anthracene	26.021	278	2664603	40.583	ng	#	93
92) Benzo(g,h,i)perylene	26.739	276	2555179	40.591	ng	#	90

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

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