Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081721\
Data File : BP006708.D
Acq On : 17 Aug 2021 09:14
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Aug 17 11:31:01 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:17:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	169294	20.000	ng		0.00
21) Naphthalene-d8	10.487	136	719128	20.000	ng	#	0.00
39) Acenaphthene-d10	14.345	164	413515	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	833070	20.000	ng	#	0.00
76) Chrysene-d12	21.210	240	850400	20.000	ng	#	0.00
86) Perylene-d12	23.527	264	895268	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	808120	73.318	ng		0.00
7) Phenol-d6	6.887	99	1119649	71.510	ng		0.00
23) Nitrobenzene-d5	8.863	82	1123295	72.099	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	330111	76.385	ng		0.00
45) 2-Fluorobiphenyl	12.969	172	1957305	70.817	ng		0.00
79) Terphenyl-d14	19.686	244	3024753	71.272	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	171941	35.831	ng		95
3) Pyridine	3.640	79	490832	34.801	ng		98
4) n-Nitrosodimethylamine	3.552	42	178176	33.471	ng	#	79
6) Aniline	7.040	93	605426	35.597	ng		95
8) 2-Chlorophenol	7.269	128	437562	36.690	ng		93
9) Benzaldehyde	6.857	77	319158	33.868	ng		95
10) Phenol	6.916	94	553035	35.225	ng		99
11) bis(2-Chloroethyl)ether	7.146	93	422049	35.403	ng		93
12) 1,3-Dichlorobenzene	7.587	146	457948	36.844	ng		96
13) 1,4-Dichlorobenzene	7.740	146	468642	37.151	ng		99
14) 1,2-Dichlorobenzene	8.051	146	444738	36.742	ng		95
15) Benzyl Alcohol	7.951	79	411266	35.026	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.246	45	477202	33.639	ng		94
17) 2-Methylphenol	8.151	107	360855	36.400	ng		98
18) Hexachloroethane	8.769	117	189884	38.030	ng		89
19) n-Nitroso-di-n-propyla...	8.516	70	376220	35.815	ng		95
20) 3+4-Methylphenols	8.481	107	496530	36.797	ng		97
22) Acetophenone	8.528	105	674760	35.382	ng	#	98
24) Nitrobenzene	8.904	77	571592	35.293	ng		91
25) Isophorone	9.434	82	999831	35.729	ng		94
26) 2-Nitrophenol	9.610	139	225996	38.344	ng	#	90
27) 2,4-Dimethylphenol	9.681	122	349996	35.461	ng		95
28) bis(2-Chloroethoxy)met...	9.916	93	522282	34.882	ng		98
29) 2,4-Dichlorophenol	10.140	162	369087	36.937	ng		94
30) 1,2,4-Trichlorobenzene	10.351	180	385764	35.927	ng		97
31) Naphthalene	10.540	128	1380968	35.737	ng		99
32) Benzoic acid	9.834	122	290428	38.038	ng		92
33) 4-Chloroaniline	10.657	127	553390	35.389	ng	#	94
34) Hexachlorobutadiene	10.822	225	236105	37.735	ng		98
35) Caprolactam	11.463	113	131251	36.427	ng	#	73
36) 4-Chloro-3-methylphenol	11.792	107	459552	36.198	ng		91
37) 2-Methylnaphthalene	12.157	142	933719	35.659	ng		100
38) 1-Methylnaphthalene	12.375	142	876068	35.207	ng		97
40) 1,2,4,5-Tetrachloroben...	12.528	216	391353	36.160	ng	#	96
41) Hexachlorocyclopentadiene	12.504	237	186187	32.436	ng		99
43) 2,4,6-Trichlorophenol	12.775	196	278917	37.743	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	300605	36.748	ng	#	90
46) 1,1'-Biphenyl	13.181	154	1109868	35.460	ng		97
47) 2-Chloronaphthalene	13.216	162	852792	35.381	ng		94
48) 2-Nitroaniline	13.434	65	308622	36.282	ng	#	85
49) Acenaphthylene	14.069	152	1391717	35.809	ng		99
50) Dimethylphthalate	13.822	163	1064690	35.371	ng		99
51) 2,6-Dinitrotoluene	13.939	165	241481	35.952	ng	#	78
52) Acenaphthene	14.410	154	829554	35.071	ng		97
53) 3-Nitroaniline	14.263	138	270266	36.296	ng		81
54) 2,4-Dinitrophenol	14.475	184	120679	34.358	ng	#	80
55) Dibenzofuran	14.751	168	1314664	35.336	ng		95
56) 4-Nitrophenol	14.581	139	236217	36.535	ng	#	86
57) 2,4-Dinitrotoluene	14.728	165	337588	37.478	ng	#	78
58) Fluorene	15.398	166	1059397	35.625	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	256273	37.384	ng	#	69
60) Diethylphthalate	15.192	149	1148496	36.327	ng		97
61) 4-Chlorophenyl-phenyle...	15.404	204	483981	35.938	ng		91
62) 4-Nitroaniline	15.433	138	286472	36.256	ng		94
63) Azobenzene	15.692	77	1338696	36.318	ng		93
65) 4,6-Dinitro-2-methylph...	15.492	198	177090	34.790	ng		74
66) n-Nitrosodiphenylamine	15.622	169	915617	34.968	ng		99
67) 4-Bromophenyl-phenylether	16.298	248	289151	36.174	ng	#	86
68) Hexachlorobenzene	16.404	284	322121	35.413	ng	#	85
69) Atrazine	16.586	200	298003	36.471	ng		95
70) Pentachlorophenol	16.751	266	219022	37.950	ng		99
71) Phenanthrene	17.145	178	1651866	35.154	ng		99
72) Anthracene	17.239	178	1622443	35.732	ng		99
73) Carbazole	17.516	167	1657564	35.790	ng		98
74) Di-n-butylphthalate	18.086	149	2012592	38.142	ng		99
75) Fluoranthene	19.127	202	1900541	36.035	ng		94
77) Benzidine	19.321	184	795456	37.381	ng		98
78) Pyrene	19.480	202	1990008	35.034	ng		99
80) Butylbenzylphthalate	20.374	149	977025	39.116	ng		89
81) Benzo(a)anthracene	21.198	228	1998513	35.960	ng		99
82) 3,3'-Dichlorobenzidine	21.139	252	536334	36.759	ng	#	96
83) Chrysene	21.251	228	1932026	35.858	ng		99
84) Bis(2-ethylhexyl)phtha...	21.139	149	1471012	39.190	ng	#	97
85) Di-n-octyl phthalate	22.039	149	2553338	41.272	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.927	276	2353461	36.254	ng	#	90
88) Benzo(b)fluoranthene	22.827	252	2114427	36.339	ng	#	97
89) Benzo(k)fluoranthene	22.874	252	1939974	34.726	ng	#	96
90) Benzo(a)pyrene	23.427	252	1890597	36.226	ng	#	95
91) Dibenzo(a,h)anthracene	25.939	278	2026113	36.099	ng	#	93
92) Benzo(g,h,i)perylene	26.656	276	1959774	36.437	ng	#	91

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

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