Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006510.D
Acq On : 05 Aug 2021 17:30
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Aug 05 18:02:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:41:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	255553	20.000	ng		0.00
21) Naphthalene-d8	10.539	136	1058760	20.000	ng	#	0.00
39) Acenaphthene-d10	14.386	164	606748	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	1178195	20.000	ng	#	0.00
76) Chrysene-d12	21.239	240	1085368	20.000	ng	#	0.00
86) Perylene-d12	23.568	264	1123893	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1277034	76.753	ng		0.00
7) Phenol-d6	6.940	99	1832837	77.548	ng		0.00
23) Nitrobenzene-d5	8.916	82	1739778	75.847	ng		0.00
42) 2,4,6-Tribromophenol	15.880	330	519016	81.848	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	3085586	76.085	ng		0.00
79) Terphenyl-d14	19.715	244	4316020	79.682	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	257018	35.482	ng		91
3) Pyridine	3.699	79	780974	36.683	ng		93
4) n-Nitrosodimethylamine	3.610	42	289571	36.036	ng	#	81
6) Aniline	7.098	93	999340	38.925	ng		95
8) 2-Chlorophenol	7.322	128	706096	39.222	ng		91
9) Benzaldehyde	6.910	77	548231	38.539	ng		93
10) Phenol	6.963	94	912523	38.504	ng		98
11) bis(2-Chloroethyl)ether	7.198	93	692008	38.455	ng		91
12) 1,3-Dichlorobenzene	7.645	146	724655	38.623	ng		97
13) 1,4-Dichlorobenzene	7.792	146	726093	38.131	ng		98
14) 1,2-Dichlorobenzene	8.104	146	700352	38.329	ng		96
15) Benzyl Alcohol	8.004	79	701080	39.555	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.287	45	812861	37.959	ng		91
17) 2-Methylphenol	8.204	107	591900	39.553	ng		99
18) Hexachloroethane	8.828	117	289768	38.446	ng		90
19) n-Nitroso-di-n-propyla...	8.569	70	619970	39.098	ng	#	96
20) 3+4-Methylphenols	8.534	107	812322	39.880	ng		98
22) Acetophenone	8.581	105	1068522	38.056	ng	#	98
24) Nitrobenzene	8.957	77	899165	37.710	ng		92
25) Isophorone	9.486	82	1637051	39.735	ng		95
26) 2-Nitrophenol	9.663	139	371573	42.820	ng		92
27) 2,4-Dimethylphenol	9.728	122	571394	39.322	ng		95
28) bis(2-Chloroethoxy)met...	9.969	93	847487	38.445	ng		97
29) 2,4-Dichlorophenol	10.192	162	596943	40.576	ng		94
30) 1,2,4-Trichlorobenzene	10.404	180	607024	38.399	ng		97
31) Naphthalene	10.592	128	2167420	38.097	ng		99
32) Benzoic acid	9.875	122	490388	43.624	ng		95
33) 4-Chloroaniline	10.710	127	890109	38.663	ng		95
34) Hexachlorobutadiene	10.875	225	357316	38.788	ng		100
35) Caprolactam	11.510	113	219985	41.469	ng	#	70
36) 4-Chloro-3-methylphenol	11.839	107	741622	39.677	ng		91
37) 2-Methylnaphthalene	12.204	142	1478576	38.353	ng		99
38) 1-Methylnaphthalene	12.422	142	1398899	38.184	ng		97
40) 1,2,4,5-Tetrachloroben...	12.575	216	614701	38.708	ng	#	96
41) Hexachlorocyclopentadiene	12.551	237	327525	38.887	ng		98
43) 2,4,6-Trichlorophenol	12.816	196	448560	41.368	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.886	196	483101	40.250	ng	#	88
46) 1,1'-Biphenyl	13.222	154	1749579	38.096	ng		96
47) 2-Chloronaphthalene	13.263	162	1348820	38.139	ng		95
48) 2-Nitroaniline	13.475	65	500988	40.140	ng		90
49) Acenaphthylene	14.110	152	2203563	38.641	ng		100
50) Dimethylphthalate	13.857	163	1686364	38.182	ng		99
51) 2,6-Dinitrotoluene	13.974	165	382045	38.765	ng	#	84
52) Acenaphthene	14.451	154	1324636	38.167	ng		98
53) 3-Nitroaniline	14.304	138	431676	39.510	ng		88
54) 2,4-Dinitrophenol	14.504	184	196796	38.185	ng	#	83
55) Dibenzofuran	14.786	168	2038714	37.345	ng		94
56) 4-Nitrophenol	14.610	139	378770	39.926	ng		86
57) 2,4-Dinitrotoluene	14.763	165	533719	40.381	ng	#	85
58) Fluorene	15.439	166	1647667	37.761	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.016	232	405152	40.279	ng	#	74
60) Diethylphthalate	15.227	149	1783918	38.456	ng		98
61) 4-Chlorophenyl-phenyle...	15.439	204	747255	37.816	ng		93
62) 4-Nitroaniline	15.469	138	457139	39.430	ng		89
63) Azobenzene	15.733	77	2076466	38.393	ng		92
65) 4,6-Dinitro-2-methylph...	15.521	198	276486	38.406	ng		73
66) n-Nitrosodiphenylamine	15.657	169	1436206	38.782	ng		99
67) 4-Bromophenyl-phenylether	16.333	248	449118	39.728	ng	#	88
68) Hexachlorobenzene	16.439	284	492377	38.274	ng	#	87
69) Atrazine	16.616	200	467202	40.430	ng		96
70) Pentachlorophenol	16.786	266	340301	41.692	ng		99
71) Phenanthrene	17.180	178	2512171	37.801	ng		99
72) Anthracene	17.274	178	2474199	38.529	ng		100
73) Carbazole	17.551	167	2480384	37.868	ng		98
74) Di-n-butylphthalate	18.115	149	3102560	41.575	ng		100
75) Fluoranthene	19.157	202	2805567	37.612	ng		94
77) Benzidine	19.345	184	834194	30.715	ng		99
78) Pyrene	19.509	202	2898030	39.975	ng		99
80) Butylbenzylphthalate	20.398	149	1437889	45.105	ng		87
81) Benzo(a)anthracene	21.227	228	2708914	38.190	ng		100
82) 3,3'-Dichlorobenzidine	21.162	252	760445	40.836	ng	#	98
83) Chrysene	21.274	228	2621809	38.126	ng		99
84) Bis(2-ethylhexyl)phtha...	21.162	149	2089814	43.623	ng	#	95
85) Di-n-octyl phthalate	22.068	149	3582205	45.367	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.980	276	3083283	37.834	ng	#	89
88) Benzo(b)fluoranthene	22.862	252	2816964	38.565	ng	#	96
89) Benzo(k)fluoranthene	22.909	252	2597714	37.041	ng	#	96
90) Benzo(a)pyrene	23.468	252	2552284	38.956	ng	#	95
91) Dibenzo(a,h)anthracene	26.003	278	2657095	37.710	ng	#	93
92) Benzo(g,h,i)perylene	26.715	276	2573039	38.107	ng	#	90

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

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