Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080621\
Data File : BP006547.D
Acq On : 06 Aug 2021 19:56
Operator : CG/JU
Sample : M3279-11MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20210532-COM-5MSD

Quant Time: Aug 07 05:39:31 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	202320	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	816816	20.000	ng		# 0.00
39) Acenaphthene-d10	14.381	164	437398	20.000	ng		-0.01
64) Phenanthrene-d10	17.133	188	838094	20.000	ng		# 0.00
76) Chrysene-d12	21.233	240	844277	20.000	ng		# 0.00
86) Perylene-d12	23.562	264	929073	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	1683195	127.782	ng		0.00
7) Phenol-d6	6.940	99	2137694	114.244	ng		0.00
23) Nitrobenzene-d5	8.910	82	1413554	79.879	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	569405	124.561	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	2183542	74.688	ng		0.00
79) Terphenyl-d14	19.710	244	2939609	69.768	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	259728	45.290	ng		92
3) Pyridine	3.693	79	682637	40.500	ng		95
4) n-Nitrosodimethylamine	3.611	42	286484	45.032	ng	#	80
6) Aniline	7.093	93	765037	37.639	ng		94
8) 2-Chlorophenol	7.322	128	666704	46.779	ng		90
9) Benzaldehyde	6.904	77	476228	42.286	ng		91
10) Phenol	6.963	94	864622	46.082	ng		98
11) bis(2-Chloroethyl)ether	7.193	93	670140	47.038	ng		91
12) 1,3-Dichlorobenzene	7.646	146	699420	47.086	ng		97
13) 1,4-Dichlorobenzene	7.793	146	711273	47.181	ng		97
14) 1,2-Dichlorobenzene	8.104	146	676388	46.758	ng		96
15) Benzyl Alcohol	7.999	79	647454	46.140	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.293	45	799211	47.142	ng		92
17) 2-Methylphenol	8.204	107	558400	47.132	ng		100
18) Hexachloroethane	8.822	117	293343	49.161	ng	#	88
19) n-Nitroso-di-n-propyla...	8.569	70	550070	43.817	ng	#	96
20) 3+4-Methylphenols	8.528	107	750146	46.518	ng		96
22) Acetophenone	8.581	105	1018816	47.034	ng	#	98
24) Nitrobenzene	8.957	77	819334	44.540	ng		91
25) Isophorone	9.481	82	1371364	43.145	ng		94
26) 2-Nitrophenol	9.657	139	332814	49.714	ng		91
27) 2,4-Dimethylphenol	9.728	122	589043	52.544	ng		96
28) bis(2-Chloroethoxy)met...	9.963	93	825789	48.557	ng		98
29) 2,4-Dichlorophenol	10.193	162	530140	46.709	ng		94
30) 1,2,4-Trichlorobenzene	10.404	180	557296	45.695	ng		97
31) Naphthalene	10.587	128	1950457	44.438	ng		100
32) Benzoic acid	9.869	122	412785	47.597	ng		89
33) 4-Chloroaniline	10.704	127	376436	21.194	ng	#	95
34) Hexachlorobutadiene	10.869	225	322498	45.378	ng		100
35) Caprolactam	11.510	113	191631	46.824	ng	#	68
36) 4-Chloro-3-methylphenol	11.834	107	651639	45.189	ng		90
37) 2-Methylnaphthalene	12.198	142	1314168	44.186	ng		100
38) 1-Methylnaphthalene	12.422	142	1210244	42.819	ng		98
40) 1,2,4,5-Tetrachloroben...	12.569	216	544733	47.583	ng	#	94
41) Hexachlorocyclopentadiene	12.545	237	653959	107.706	ng		98
43) 2,4,6-Trichlorophenol	12.816	196	378187	48.381	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	408317	47.190	ng	#	88
46) 1,1'-Biphenyl	13.222	154	1501381	45.349	ng		96
47) 2-Chloronaphthalene	13.257	162	1171111	45.935	ng		94
48) 2-Nitroaniline	13.469	65	445414	49.505	ng	#	85
49) Acenaphthylene	14.104	152	1934728	47.063	ng		100
50) Dimethylphthalate	13.857	163	1441885	45.287	ng		99
51) 2,6-Dinitrotoluene	13.969	165	318726	44.862	ng	#	77
52) Acenaphthene	14.445	154	1126756	45.035	ng		98
53) 3-Nitroaniline	14.298	138	245201	31.132	ng	#	81
54) 2,4-Dinitrophenol	14.504	184	372673	100.308	ng	#	79
55) Dibenzofuran	14.786	168	1720745	43.725	ng		94
56) 4-Nitrophenol	14.616	139	680453	99.496	ng		86
57) 2,4-Dinitrotoluene	14.757	165	441659	46.354	ng	#	79
58) Fluorene	15.433	166	1412464	44.904	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.010	232	333454	45.987	ng	#	70
60) Diethylphthalate	15.222	149	1560024	46.650	ng		97
61) 4-Chlorophenyl-phenyle...	15.433	204	638306	44.809	ng	#	89
62) 4-Nitroaniline	15.463	138	380978	45.584	ng		91
63) Azobenzene	15.728	77	1769497	45.385	ng		91
65) 4,6-Dinitro-2-methylph...	15.516	198	220536	43.066	ng	#	68
66) n-Nitrosodiphenylamine	15.651	169	1209070	45.898	ng		100
67) 4-Bromophenyl-phenylether	16.328	248	374256	46.541	ng	#	86
68) Hexachlorobenzene	16.433	284	418844	45.770	ng	#	87
69) Atrazine	16.616	200	420497	51.154	ng		95
70) Pentachlorophenol	16.786	266	594009	102.307	ng		99
71) Phenanthrene	17.180	178	2141148	45.293	ng		99
72) Anthracene	17.269	178	2187787	47.894	ng		99
73) Carbazole	17.545	167	2080895	44.661	ng		98
74) Di-n-butylphthalate	18.110	149	2756520	51.928	ng		100
75) Fluoranthene	19.151	202	2443609	46.054	ng		93
77) Benzidine	19.339	184	1260220	59.651	ng		99
78) Pyrene	19.504	202	2521367	44.710	ng		99
80) Butylbenzylphthalate	20.398	149	1328988	53.593	ng		91
81) Benzo(a)anthracene	21.221	228	2479245	44.933	ng		99
82) 3,3'-Dichlorobenzidine	21.157	252	759750	52.450	ng	#	98
83) Chrysene	21.268	228	2417565	45.195	ng		99
84) Bis(2-ethylhexyl)phtha...	21.157	149	1999210	53.649	ng	#	96
85) Di-n-octyl phthalate	22.063	149	3502427	57.023	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.974	276	3238525	48.072	ng	#	88
88) Benzo(b)fluoranthene	22.857	252	2676442	44.325	ng	#	96
89) Benzo(k)fluoranthene	22.904	252	2650714	45.722	ng	#	96
90) Benzo(a)pyrene	23.457	252	2648676	48.905	ng	#	94
91) Dibenzo(a,h)anthracene	25.986	278	2759585	47.378	ng	#	93
92) Benzo(g,h,i)perylene	26.709	276	2707238	48.502	ng	#	91

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

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