Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
Data File : BP011742.D
Acq On : 19 Sep 2022 19:14
Operator : CG/JU
Sample : N4653-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 20 04:47:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 04:42:52 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
CAR-1948MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.940	152	582366	20.000	ng		0.00
21) Naphthalene-d8	10.751	136	2504052	20.000	ng	#	0.00
39) Acenaphthene-d10	14.581	164	1683368	20.000	ng		0.00
64) Phenanthrene-d10	17.333	188	3664944	20.000	ng		0.00
76) Chrysene-d12	21.410	240	3673188	20.000	ng		0.00
86) Perylene-d12	23.857	264	1907759	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.505	112	5092788	159.177	ng		0.01
7) Phenol-d6	7.105	99	6568500	154.013	ng		0.01
23) Nitrobenzene-d5	9.110	82	3894037	92.228	ng		0.01
42) 2,4,6-Tribromophenol	16.075	330	3323208	252.662	ng		0.01
45) 2-Fluorobiphenyl	13.204	172	9692223	89.499	ng		0.00
79) Terphenyl-d14	19.880	244	13777338	81.564	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	551966	39.174	ng	#	58
3) Pyridine	3.799	79	2160247	53.181	ng	#	76
4) n-Nitrosodimethylamine	3.699	42	677425	43.501	ng	#	37
6) Aniline	7.269	93	1128748	21.485	ng		89
8) 2-Chlorophenol	7.505	128	2036083	53.670	ng		89
9) Benzaldehyde	7.075	77	1105305m	40.488	ng		
10) Phenol	7.134	94	2388097	49.784	ng		80
11) bis(2-Chloroethyl)ether	7.363	93	1785554	46.726	ng		91
12) 1,3-Dichlorobenzene	7.828	146	1699243	40.389	ng	#	92
13) 1,4-Dichlorobenzene	7.975	146	1755011	41.018	ng		96
14) 1,2-Dichlorobenzene	8.293	146	1730155	42.418	ng		96
15) Benzyl Alcohol	8.181	79	1175600m	38.612	ng		
16) 2,2'-oxybis(1-Chloropr...	8.475	45	2205838	43.216	ng		91
17) 2-Methylphenol	8.387	107	1727482	55.465	ng	#	90
18) Hexachloroethane	9.022	117	580126	39.201	ng		97
19) n-Nitroso-di-n-propyla...	8.757	70	1410335	51.074	ng	#	79
20) 3+4-Methylphenols	8.716	107	2365152	55.293	ng		92
22) Acetophenone	8.769	105	2882899	49.112	ng	#	85
24) Nitrobenzene	9.152	77	2005649	45.656	ng	#	85
25) Isophorone	9.681	82	4102405	54.926	ng	#	93
26) 2-Nitrophenol	9.863	139	1044382	51.470	ng	#	76
27) 2,4-Dimethylphenol	9.922	122	2028224	64.952	ng		88
28) bis(2-Chloroethoxy)met...	10.163	93	2302250	48.204	ng		98
29) 2,4-Dichlorophenol	10.399	162	2073721	59.949	ng		94
30) 1,2,4-Trichlorobenzene	10.610	180	1715627	44.799	ng		99
31) Naphthalene	10.804	128	5690506	43.792	ng		99
32) Benzoic acid	10.057	122	910812	36.555	ng	#	84
33) 4-Chloroaniline	10.916	127	256689	5.035	ng	#	90
34) Hexachlorobutadiene	11.087	225	981024	46.502	ng		98
35) Caprolactam	11.722	113	699826m	62.438	ng		
36) 4-Chloro-3-methylphenol	12.034	107	2238030	60.160	ng		88
37) 2-Methylnaphthalene	12.410	142	4246943	48.836	ng		95
38) 1-Methylnaphthalene	12.628	142	4097577	48.194	ng		99
40) 1,2,4,5-Tetrachloroben...	12.775	216	2168702	48.813	ng		99
41) Hexachlorocyclopentadiene	12.751	237	2573047	116.027	ng		99
43) 2,4,6-Trichlorophenol	13.010	196	1675906	55.455	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	1887007	55.846	ng		95
46) 1,1'-Biphenyl	13.416	154	5768114	47.102	ng		99
47) 2-Chloronaphthalene	13.457	162	4364860	45.301	ng		97
48) 2-Nitroaniline	13.663	65	1237858	45.812	ng	#	72
49) Acenaphthylene	14.304	152	7033707	47.179	ng		99
50) Dimethylphthalate	14.039	163	6081593	51.786	ng		99
51) 2,6-Dinitrotoluene	14.157	165	1335376	56.075	ng	#	76
52) Acenaphthene	14.645	154	5095299m	51.379	ng		
53) 3-Nitroaniline	14.487	138	498732	18.090	ng		83
54) 2,4-Dinitrophenol	14.692	184	1356011	97.041	ng	#	75
55) Dibenzofuran	14.981	168	6909874	48.385	ng		96
56) 4-Nitrophenol	14.798	139	2499867	108.036	ng	#	64
57) 2,4-Dinitrotoluene	14.945	165	1865546	53.562	ng	#	75
58) Fluorene	15.628	166	5666729	48.922	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.204	232	1621550	58.415	ng	#	95
60) Diethylphthalate	15.404	149	5995374	51.279	ng		98
61) 4-Chlorophenyl-phenyle...	15.622	204	2865706	53.521	ng		91
62) 4-Nitroaniline	15.651	138	1185347	38.941	ng	#	75
63) Azobenzene	15.916	77	5059709	45.033	ng		86
65) 4,6-Dinitro-2-methylph...	15.704	198	915948	46.557	ng	#	79
66) n-Nitrosodiphenylamine	15.839	169	2802779	25.703	ng		98
67) 4-Bromophenyl-phenylether	16.522	248	1869579	54.493	ng		93
68) Hexachlorobenzene	16.633	284	2126525	57.552	ng		92
69) Atrazine	16.786	200	131079	3.938	ng		98
70) Pentachlorophenol	16.981	266	2877421	122.754	ng		99
71) Phenanthrene	17.375	178	9067119	45.468	ng		97
72) Anthracene	17.469	178	9174113	48.641	ng		97
73) Carbazole	17.733	167	3116346	17.514	ng		99
74) Di-n-butylphthalate	18.286	149	10484227	48.885	ng	#	98
75) Fluoranthene	19.333	202	10725790	49.870	ng		94
77) Benzidine	19.510	184	1095338	12.539	ng	#	96
78) Pyrene	19.686	202	10730353	43.312	ng		96
80) Butylbenzylphthalate	20.557	149	4938435	47.569	ng		87
81) Benzo(a)anthracene	21.398	228	10989255	46.416	ng		95
82) 3,3'-Dichlorobenzidine	21.327	252	548398	7.626	ng		99
83) Chrysene	21.451	228	10209551	45.134	ng		95
84) Bis(2-ethylhexyl)phtha...	21.316	149	7211495	48.286	ng		96
85) Di-n-octyl phthalate	22.257	149	11966455	46.692	ng	#	89
87) Indeno(1,2,3-cd)pyrene	26.427	276	9760353	71.014	ng		96
88) Benzo(b)fluoranthene	23.115	252	11703211	99.187	ng		98
89) Benzo(k)fluoranthene	23.168	252	10871205	91.430	ng		97
90) Benzo(a)pyrene	23.751	252	8680406	89.055	ng		97
91) Dibenzo(a,h)anthracene	26.451	278	9202699	80.636	ng		98
92) Benzo(g,h,i)perylene	27.215	276	7710070	69.295	ng		97

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

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