Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010322\
Data File : BP008644.D
Acq On : 03 Jan 2022 18:49
Operator : CG/JU
Sample : M5257-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
D3-12292021MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/04/2022
Supervised By :Jagrut Upadhyay 01/04/2022

Quant Time: Jan 04 06:00:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 08:44:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	600850	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	2126299	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	1192894	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	2140126	20.000	ng	0.00
76) Chrysene-d12	21.351	240	1855999	20.000	ng	-0.01
86) Perylene-d12	23.774	264	2128070	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	4058945	123.303	ng	0.00
7) Phenol-d6	7.063	99	4215761	92.008	ng	0.00
23) Nitrobenzene-d5	9.046	82	3325245	93.032	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	2192209	135.830	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	8126515	98.700	ng	0.00
79) Terphenyl-d14	19.827	244	9463251	104.105	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	542021	40.758	ng	# 7
3) Pyridine	3.787	79	1011119	27.873	ng	100
4) n-Nitrosodimethylamine	3.687	42	541251	46.208	ng	98
6) Aniline	7.216	93	825282	15.497	ng	100
8) 2-Chlorophenol	7.458	128	1798464	46.381	ng	99
9) Benzaldehyde	7.028	77	708581	27.172	ng	95
10) Phenol	7.087	94	1637619	35.403	ng	99
11) bis(2-Chloroethyl)ether	7.310	93	1719114	46.081	ng	100
12) 1,3-Dichlorobenzene	7.781	146	2056273	45.303	ng	99
13) 1,4-Dichlorobenzene	7.928	146	2091274	45.297	ng	99
14) 1,2-Dichlorobenzene	8.246	146	2004107	44.433	ng	99
15) Benzyl Alcohol	8.128	79	1342958	40.919	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.422	45	1761742	41.500	ng	99
17) 2-Methylphenol	8.340	107	1316706	40.906	ng	99
18) Hexachloroethane	8.975	117	699332	46.461	ng	95
19) n-Nitroso-di-n-propyla...	8.705	70	1123887	38.410	ng	99
20) 3+4-Methylphenols	8.663	107	1708335	37.777	ng	98
22) Acetophenone	8.710	105	2545317	49.921	ng	99
24) Nitrobenzene	9.093	77	1717286	50.447	ng	100
25) Isophorone	9.622	82	2913887	43.640	ng	99
26) 2-Nitrophenol	9.799	139	933707	57.750	ng	98
27) 2,4-Dimethylphenol	9.869	122	1494466	51.225	ng	98
28) bis(2-Chloroethoxy)met...	10.104	93	2007192	43.419	ng	99
29) 2,4-Dichlorophenol	10.340	162	1665582	47.170	ng	99
30) 1,2,4-Trichlorobenzene	10.557	180	2006531	48.190	ng	99
31) Naphthalene	10.740	128	5310058	48.114	ng	99
32) Benzoic acid	9.963	122	224626	12.190	ng	99
33) 4-Chloroaniline	10.857	127	257470m	5.441	ng	
34) Hexachlorobutadiene	11.040	225	1235678	48.884	ng	99
35) Caprolactam	11.634	113	268314	23.118	ng	98
36) 4-Chloro-3-methylphenol	11.981	107	1389988	39.381	ng	97
37) 2-Methylnaphthalene	12.351	142	3784652	45.559	ng	100
38) 1-Methylnaphthalene	12.569	142	3466370	42.679	ng	100
40) 1,2,4,5-Tetrachloroben...	12.722	216	2201011	58.567	ng	99
41) Hexachlorocyclopentadiene	12.704	237	2536603	126.930	ng	99
43) 2,4,6-Trichlorophenol	12.957	196	1284391	52.529	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	1331224	49.309	ng	99
46) 1,1'-Biphenyl	13.357	154	4760450	53.953	ng	100
47) 2-Chloronaphthalene	13.398	162	3666973	53.030	ng	100
48) 2-Nitroaniline	13.592	65	750650	49.520	ng	99
49) Acenaphthylene	14.245	152	5396721	50.809	ng	100
50) Dimethylphthalate	13.981	163	4078667	44.392	ng	100
51) 2,6-Dinitrotoluene	14.092	165	911415	48.343	ng	97
52) Acenaphthene	14.587	154	3436166m	49.444	ng	
53) 3-Nitroaniline	14.416	138	382860	19.511	ng	98
54) 2,4-Dinitrophenol	14.622	184	319209	38.014	ng	98
55) Dibenzofuran	14.922	168	5190365	46.588	ng	99
56) 4-Nitrophenol	14.734	139	1117485	72.320	ng	97
57) 2,4-Dinitrotoluene	14.881	165	1176993	46.788	ng	100
58) Fluorene	15.569	166	4012918	46.222	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.145	232	1100249m	45.490	ng	
60) Diethylphthalate	15.345	149	3752930	41.787	ng	99
61) 4-Chlorophenyl-phenyle...	15.563	204	2162510	44.714	ng	99
62) 4-Nitroaniline	15.581	138	748235	37.547	ng	100
63) Azobenzene	15.857	77	3107591	42.873	ng	99
65) 4,6-Dinitro-2-methylph...	15.645	198	341695	31.752	ng	100
66) n-Nitrosodiphenylamine	15.781	169	3408603	52.774	ng	100
67) 4-Bromophenyl-phenylether	16.463	248	1340526	57.245	ng	98
68) Hexachlorobenzene	16.581	284	1553654	54.048	ng	99
69) Atrazine	16.734	200	1173826	48.585	ng	99
70) Pentachlorophenol	16.922	266	1697041	108.391	ng	100
71) Phenanthrene	17.316	178	5943885	51.515	ng	98
72) Anthracene	17.404	178	6005376	53.417	ng	100
73) Carbazole	17.675	167	5147914	46.653	ng	99
74) Di-n-butylphthalate	18.233	149	5732892	47.488	ng	99
75) Fluoranthene	19.275	202	6444769	48.560	ng	98
77) Benzidine	19.451	184	1791690	32.132	ng	99
78) Pyrene	19.627	202	6537773	54.146	ng	98
80) Butylbenzylphthalate	20.504	149	2353914	48.877	ng	98
81) Benzo(a)anthracene	21.339	228	6040496	50.168	ng	98
82) 3,3'-Dichlorobenzidine	21.269	252	1358230	30.679	ng	98
83) Chrysene	21.392	228	5842394	51.891	ng	97
84) Bis(2-ethylhexyl)phtha...	21.269	149	3310153	45.500	ng	98
85) Di-n-octyl phthalate	22.204	149	5547259	49.261	ng	99
87) Indeno(1,2,3-cd)pyrene	26.309	276	9103145	63.683	ng	99
88) Benzo(b)fluoranthene	23.039	252	6847239	50.033	ng	100
89) Benzo(k)fluoranthene	23.086	252	6461456	47.493	ng	99
90) Benzo(a)pyrene	23.668	252	6734532	61.041	ng	100
91) Dibenzo(a,h)anthracene	26.327	278	7758797	64.341	ng	99
92) Benzo(g,h,i)perylene	27.080	276	7833195	69.468	ng	99

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

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