Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121322\
Data File : BP013089.D
Acq On : 12 Dec 2022 17:57
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

Quant Time: Dec 13 02:24:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 02:17:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	567583	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	2139595	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	1192767	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	2159384	20.000	ng	0.00
76) Chrysene-d12	21.445	240	1808571	20.000	ng	0.00
86) Perylene-d12	23.927	264	2009673	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	2529272	96.541	ng	0.00
7) Phenol-d6	7.122	99	3345511	89.041	ng	0.00
23) Nitrobenzene-d5	9.134	82	3245772	84.604	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1188339	88.395	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	7386382	88.224	ng	0.00
79) Terphenyl-d14	19.910	244	7888272	92.700	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	545358	49.395	ng	100
3) Pyridine	3.793	79	1563447m	44.569	ng	
4) n-Nitrosodimethylamine	3.699	42	705252	45.972	ng	100
6) Aniline	7.287	93	2025040	42.634	ng	100
8) 2-Chlorophenol	7.522	128	1490664	44.112	ng	100
9) Benzaldehyde	7.099	77	935284	35.613	ng	100
10) Phenol	7.152	94	1870738	43.693	ng	100
11) bis(2-Chloroethyl)ether	7.387	93	1491339	39.893	ng	100
12) 1,3-Dichlorobenzene	7.852	146	1712157	40.773	ng	100
13) 1,4-Dichlorobenzene	7.999	146	1738542	40.311	ng	100
14) 1,2-Dichlorobenzene	8.316	146	1652956	39.445	ng	100
15) Benzyl Alcohol	8.205	79	1245589	46.628	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.499	45	2169209	39.158	ng	100
17) 2-Methylphenol	8.405	107	1250950	42.779	ng	100
18) Hexachloroethane	9.052	117	597469	37.922	ng	100
19) n-Nitroso-di-n-propyla...	8.775	70	1114841	42.035	ng	100
20) 3+4-Methylphenols	8.740	107	1708654	43.393	ng	100
22) Acetophenone	8.793	105	2189596	41.921	ng	100
24) Nitrobenzene	9.175	77	1665300	42.420	ng	100
25) Isophorone	9.704	82	2790883	39.675	ng	100
26) 2-Nitrophenol	9.887	139	805683	78.429	ng	100
27) 2,4-Dimethylphenol	9.946	122	1159499	48.070	ng	100
28) bis(2-Chloroethoxy)met...	10.187	93	1757397	42.241	ng	100
29) 2,4-Dichlorophenol	10.422	162	1450757	50.106	ng	100
30) 1,2,4-Trichlorobenzene	10.640	180	1643432	42.763	ng	100
31) Naphthalene	10.828	128	4751156	40.915	ng	100
32) Benzoic acid	10.087	122	902447	72.380	ng	100
33) 4-Chloroaniline	10.940	127	1826857	43.173	ng	100
34) Hexachlorobutadiene	11.110	225	1049884	43.534	ng	100
35) Caprolactam	11.734	113	353541	41.094	ng	100
36) 4-Chloro-3-methylphenol	12.057	107	1353651	42.094	ng	100
37) 2-Methylnaphthalene	12.434	142	3233561	39.088	ng	100
38) 1-Methylnaphthalene	12.651	142	3143064	38.695	ng	100
40) 1,2,4,5-Tetrachloroben...	12.798	216	1786600	47.055	ng	100
41) Hexachlorocyclopentadiene	12.775	237	928914	51.442	ng	100
43) 2,4,6-Trichlorophenol	13.040	196	1170937	53.214	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	1244215	50.634	ng	100
46) 1,1'-Biphenyl	13.440	154	3964242	43.934	ng	100
47) 2-Chloronaphthalene	13.481	162	3135545	43.882	ng	100
48) 2-Nitroaniline	13.687	65	813007	51.780	ng	100
49) Acenaphthylene	14.328	152	4686632	41.303	ng	100
50) Dimethylphthalate	14.063	163	3564165	40.611	ng	100
51) 2,6-Dinitrotoluene	14.181	165	762781	41.354	ng	100
52) Acenaphthene	14.669	154	2853003	39.674	ng	100
53) 3-Nitroaniline	14.510	138	778543	41.567	ng	100
54) 2,4-Dinitrophenol	14.716	184	432336	60.195	ng	100
55) Dibenzofuran	15.004	168	4479055	40.045	ng	100
56) 4-Nitrophenol	14.810	139	597676	37.768	ng	100
57) 2,4-Dinitrotoluene	14.969	165	947476	38.953	ng	100
58) Fluorene	15.651	166	3460855	37.634	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.228	232	1033116	42.970	ng	100
60) Diethylphthalate	15.422	149	3211753	38.695	ng	100
61) 4-Chlorophenyl-phenyle...	15.645	204	1796569	39.351	ng	100
62) 4-Nitroaniline	15.675	138	721417	40.177	ng	100
63) Azobenzene	15.939	77	3100570	35.443	ng	100
65) 4,6-Dinitro-2-methylph...	15.734	198	570784	65.202	ng	100
66) n-Nitrosodiphenylamine	15.863	169	2862385	47.428	ng	100
67) 4-Bromophenyl-phenylether	16.539	248	1077202	48.771	ng	100
68) Hexachlorobenzene	16.663	284	1232697	45.169	ng	100
69) Atrazine	16.816	200	804774	49.672	ng	100
70) Pentachlorophenol	17.004	266	728128	46.140	ng	100
71) Phenanthrene	17.404	178	4994247	40.886	ng	100
72) Anthracene	17.492	178	4769738	41.095	ng	100
73) Carbazole	17.763	167	4129734	39.383	ng	100
74) Di-n-butylphthalate	18.304	149	4671639	50.896	ng	100
75) Fluoranthene	19.363	202	5314568	36.880	ng	100
77) Benzidine	19.545	184	1146032	107.538	ng	100
78) Pyrene	19.716	202	5490605	45.983	ng	100
80) Butylbenzylphthalate	20.580	149	1908488	159.698	ng	100
81) Benzo(a)anthracene	21.427	228	5322513	43.546	ng	100
82) 3,3'-Dichlorobenzidine	21.357	252	1689801	65.415	ng	100
83) Chrysene	21.486	228	5159574	44.100	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	2688257	119.580	ng	100
85) Di-n-octyl phthalate	22.292	149	4568655	86.930	ng	100
87) Indeno(1,2,3-cd)pyrene	26.539	276	6801654	48.323	ng	100
88) Benzo(b)fluoranthene	23.168	252	5213708	38.771	ng	100
89) Benzo(k)fluoranthene	23.221	252	5424881	39.358	ng	100
90) Benzo(a)pyrene	23.821	252	4479067	41.780	ng	100
91) Dibenzo(a,h)anthracene	26.551	278	5652276	47.110	ng	100
92) Benzo(g,h,i)perylene	27.333	276	5572956	51.468	ng	100

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

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