Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121322\
Data File : BP013088.D
Acq On : 12 Dec 2022 17:23
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 13 02:23:55 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

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	567086	20.000	ng		0.00
21) Naphthalene-d8	10.775	136	2289943	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	1437785	20.000	ng		0.00
64) Phenanthrene-d10	17.357	188	2722711	20.000	ng		0.00
76) Chrysene-d12	21.445	240	1980274	20.000	ng		0.00
86) Perylene-d12	23.927	264	1826499	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.511	112	1278843	48.856	ng		0.00
7) Phenol-d6	7.116	99	1738355	46.307	ng		0.00
23) Nitrobenzene-d5	9.134	82	1740067	42.379	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	728378	44.948	ng		0.00
45) 2-Fluorobiphenyl	13.228	172	4382703	43.427	ng		0.00
79) Terphenyl-d14	19.910	244	4731200	50.779	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.376	88	273376	24.782	ng		98
3) Pyridine	3.793	79	795245	22.690	ng		98
4) n-Nitrosodimethylamine	3.699	42	360533	23.522	ng		95
6) Aniline	7.287	93	1043826	21.995	ng		99
8) 2-Chlorophenol	7.522	128	773991	22.924	ng		99
9) Benzaldehyde	7.099	77	546330m	20.821	ng		
10) Phenol	7.146	94	960530	22.454	ng		98
11) bis(2-Chloroethyl)ether	7.381	93	786293	21.051	ng		98
12) 1,3-Dichlorobenzene	7.852	146	880994	20.998	ng		98
13) 1,4-Dichlorobenzene	7.999	146	900711	20.903	ng		99
14) 1,2-Dichlorobenzene	8.316	146	868595	20.746	ng		98
15) Benzyl Alcohol	8.205	79	650663	24.379	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.493	45	1157463	20.913	ng		100
17) 2-Methylphenol	8.405	107	658003	22.521	ng		99
18) Hexachloroethane	9.046	117	305017	19.377	ng		95
19) n-Nitroso-di-n-propyla...	8.775	70	615385	23.224	ng		98
20) 3+4-Methylphenols	8.734	107	904381	22.988	ng		98
22) Acetophenone	8.793	105	1202480	21.511	ng	#	99
24) Nitrobenzene	9.175	77	902075	21.470	ng		99
25) Isophorone	9.699	82	1537993	20.428	ng		99
26) 2-Nitrophenol	9.887	139	405095	36.845	ng		98
27) 2,4-Dimethylphenol	9.946	122	623506	24.152	ng		100
28) bis(2-Chloroethoxy)met...	10.181	93	969755	21.779	ng		99
29) 2,4-Dichlorophenol	10.422	162	779369	25.150	ng		99
30) 1,2,4-Trichlorobenzene	10.640	180	880069	21.396	ng		98
31) Naphthalene	10.828	128	2580613	20.764	ng		100
32) Benzoic acid	10.057	122	455807	34.157	ng		97
33) 4-Chloroaniline	10.940	127	1006081	22.215	ng		100
34) Hexachlorobutadiene	11.110	225	557434	21.597	ng		98
35) Caprolactam	11.722	113	202474	21.989	ng		98
36) 4-Chloro-3-methylphenol	12.052	107	770070	22.374	ng		99
37) 2-Methylnaphthalene	12.434	142	1809877	20.442	ng		99
38) 1-Methylnaphthalene	12.651	142	1764483	20.296	ng		98
40) 1,2,4,5-Tetrachloroben...	12.799	216	1006917	22.001	ng		100
41) Hexachlorocyclopentadiene	12.775	237	466113	21.414	ng		98
43) 2,4,6-Trichlorophenol	13.034	196	660114	24.887	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	719266	24.283	ng	97
46) 1,1'-Biphenyl	13.440	154	2297992	21.128	ng	100
47) 2-Chloronaphthalene	13.481	162	1825569	21.195	ng	99
48) 2-Nitroaniline	13.687	65	471382	24.906	ng	99
49) Acenaphthylene	14.328	152	2742065	20.047	ng	99
50) Dimethylphthalate	14.057	163	2207179	20.863	ng	99
51) 2,6-Dinitrotoluene	14.181	165	456447	20.529	ng	100
52) Acenaphthene	14.669	154	1699967	19.611	ng	99
53) 3-Nitroaniline	14.510	138	468119	20.734	ng	99
54) 2,4-Dinitrophenol	14.716	184	242285	27.985	ng	98
55) Dibenzofuran	15.004	168	2740162	20.323	ng	99
56) 4-Nitrophenol	14.810	139	360158	18.880	ng	98
57) 2,4-Dinitrotoluene	14.963	165	570324	19.452	ng	94
58) Fluorene	15.651	166	2174920	19.620	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.228	232	624135	21.535	ng	99
60) Diethylphthalate	15.422	149	2041354	20.403	ng	100
61) 4-Chlorophenyl-phenyle...	15.645	204	1117387	20.304	ng	99
62) 4-Nitroaniline	15.675	138	428621	19.803	ng	98
63) Azobenzene	15.940	77	1936613	18.365	ng	100
65) 4,6-Dinitro-2-methylph...	15.728	198	339290	30.739	ng	92
66) n-Nitrosodiphenylamine	15.857	169	1797142	23.616	ng	100
67) 4-Bromophenyl-phenylether	16.540	248	668252	23.996	ng	99
68) Hexachlorobenzene	16.657	284	773835	22.488	ng	97
69) Atrazine	16.810	200	508025	24.869	ng	98
70) Pentachlorophenol	17.004	266	439866	22.106	ng	99
71) Phenanthrene	17.404	178	3192188	20.726	ng	99
72) Anthracene	17.492	178	3032007	20.718	ng	100
73) Carbazole	17.763	167	2586664	19.564	ng	100
74) Di-n-butylphthalate	18.304	149	2752438	23.782	ng	100
75) Fluoranthene	19.363	202	3206971	17.650	ng	100
77) Benzidine	19.539	184	500916m	42.928	ng	
78) Pyrene	19.716	202	3263426	24.961	ng	99
80) Butylbenzylphthalate	20.580	149	918317	70.180	ng	98
81) Benzo(a)anthracene	21.427	228	2788779	20.838	ng	99
82) 3,3'-Dichlorobenzidine	21.357	252	792971	28.036	ng	99
83) Chrysene	21.480	228	2671701	20.856	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	1174018	47.695	ng	98
85) Di-n-octyl phthalate	22.292	149	1839401	31.965	ng	99
87) Indeno(1,2,3-cd)pyrene	26.527	276	2996651	23.425	ng	100
88) Benzo(b)fluoranthene	23.169	252	2449398	20.041	ng	100
89) Benzo(k)fluoranthene	23.216	252	2477020	19.773	ng	99
90) Benzo(a)pyrene	23.816	252	2004636	20.574	ng	99
91) Dibenzo(a,h)anthracene	26.545	278	2495184	22.882	ng	99
92) Benzo(g,h,i)perylene	27.327	276	2452977	24.926	ng	99

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

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