Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121422\
Data File : BP013110.D
Acq On : 14 Dec 2022 17:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Dec 15 03:51:45 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 03:29:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	474331	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1805014	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	1145262	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	2570144	20.000	ng	0.00
76) Chrysene-d12	21.445	240	2584020	20.000	ng	0.00
86) Perylene-d12	23.927	264	2797510	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1975869	76.111	ng	0.00
7) Phenol-d6	7.116	99	2585927	76.275	ng	0.00
23) Nitrobenzene-d5	9.128	82	2483462	75.428	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	1140803	82.617	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	6035811	71.558	ng	0.00
79) Terphenyl-d14	19.904	244	9447574	72.131	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	435675	37.876	ng	99
3) Pyridine	3.793	79	1235147	37.811	ng	98
4) n-Nitrosodimethylamine	3.699	42	561675	38.368	ng	98
6) Aniline	7.287	93	1544326	37.617	ng	99
8) 2-Chlorophenol	7.522	128	1136831	37.146	ng	99
9) Benzaldehyde	7.093	77	720675	35.428	ng	98
10) Phenol	7.146	94	1431024	37.710	ng	99
11) bis(2-Chloroethyl)ether	7.381	93	1124332	36.801	ng	99
12) 1,3-Dichlorobenzene	7.846	146	1308836	36.758	ng	99
13) 1,4-Dichlorobenzene	7.993	146	1335029	36.815	ng	99
14) 1,2-Dichlorobenzene	8.316	146	1268493	36.855	ng	99
15) Benzyl Alcohol	8.205	79	946970	38.505	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.493	45	1630231	36.841	ng	99
17) 2-Methylphenol	8.405	107	940279	37.487	ng	99
18) Hexachloroethane	9.046	117	456041	37.135	ng	97
19) n-Nitroso-di-n-propyla...	8.775	70	851775	38.685	ng	98
20) 3+4-Methylphenols	8.734	107	1313859	38.528	ng	99
22) Acetophenone	8.787	105	1673021	37.248	ng	99
24) Nitrobenzene	9.169	77	1288343	37.545	ng	100
25) Isophorone	9.699	82	2159215	38.612	ng	100
26) 2-Nitrophenol	9.887	139	586523	34.464	ng	100
27) 2,4-Dimethylphenol	9.940	122	906564	38.314	ng	97
28) bis(2-Chloroethoxy)met...	10.181	93	1334264	37.210	ng	100
29) 2,4-Dichlorophenol	10.416	162	1099964	37.667	ng	99
30) 1,2,4-Trichlorobenzene	10.634	180	1247373	36.190	ng	97
31) Naphthalene	10.822	128	3615486	36.581	ng	100
32) Benzoic acid	10.069	122	696650	35.493	ng	98
33) 4-Chloroaniline	10.934	127	1435945	38.957	ng	99
34) Hexachlorobutadiene	11.104	225	774200	35.211	ng	98
35) Caprolactam	11.728	113	330383	43.818	ng	98
36) 4-Chloro-3-methylphenol	12.051	107	1104654	40.500	ng	99
37) 2-Methylnaphthalene	12.428	142	2530223	38.067	ng	99
38) 1-Methylnaphthalene	12.645	142	2482814	38.358	ng	99
40) 1,2,4,5-Tetrachloroben...	12.793	216	1390110	34.024	ng	99
41) Hexachlorocyclopentadiene	12.775	237	648370	31.472	ng	99
43) 2,4,6-Trichlorophenol	13.034	196	951416	36.927	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	1052686	37.817	ng	98
46) 1,1'-Biphenyl	13.434	154	3236566	35.742	ng	100
47) 2-Chloronaphthalene	13.481	162	2561706	35.593	ng	99
48) 2-Nitroaniline	13.681	65	741882	38.608	ng	95
49) Acenaphthylene	14.322	152	4009674	37.873	ng	99
50) Dimethylphthalate	14.057	163	3287306	39.242	ng	99
51) 2,6-Dinitrotoluene	14.175	165	696665	40.641	ng	95
52) Acenaphthene	14.663	154	2446806	37.176	ng	100
53) 3-Nitroaniline	14.510	138	754881	40.232	ng	100
54) 2,4-Dinitrophenol	14.710	184	410935	38.141	ng	95
55) Dibenzofuran	14.998	168	3970453	37.696	ng	99
56) 4-Nitrophenol	14.810	139	625506	43.664	ng	98
57) 2,4-Dinitrotoluene	14.963	165	945542	40.863	ng	96
58) Fluorene	15.651	166	3208411	39.356	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.222	232	962086	40.433	ng	99
60) Diethylphthalate	15.416	149	3178013	41.267	ng	99
61) 4-Chlorophenyl-phenyle...	15.639	204	1619373	38.382	ng	98
62) 4-Nitroaniline	15.675	138	775262	43.178	ng	98
63) Azobenzene	15.934	77	2967577	41.465	ng	98
65) 4,6-Dinitro-2-methylph...	15.728	198	594234	35.991	ng	95
66) n-Nitrosodiphenylamine	15.857	169	2759793	34.392	ng	99
67) 4-Bromophenyl-phenylether	16.539	248	1035857	34.084	ng	97
68) Hexachlorobenzene	16.657	284	1216285	34.181	ng	98
69) Atrazine	16.810	200	904575	40.177	ng	99
70) Pentachlorophenol	17.004	266	768609	36.678	ng	98
71) Phenanthrene	17.398	178	5230849	35.767	ng	100
72) Anthracene	17.492	178	5020218	36.564	ng	100
73) Carbazole	17.763	167	4677269	38.860	ng	100
74) Di-n-butylphthalate	18.304	149	5396601	40.763	ng	100
75) Fluoranthene	19.363	202	6278796	39.887	ng	100
77) Benzidine	19.539	184	1700568	46.332	ng	99
78) Pyrene	19.716	202	6552408	35.290	ng	100
80) Butylbenzylphthalate	20.580	149	2431896	37.071	ng	99
81) Benzo(a)anthracene	21.427	228	6701498	37.942	ng	100
82) 3,3'-Dichlorobenzidine	21.357	252	2187999	41.601	ng	100
83) Chrysene	21.486	228	6375674	37.007	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	3475718	38.548	ng	99
85) Di-n-octyl phthalate	22.292	149	5832116	39.514	ng	100
87) Indeno(1,2,3-cd)pyrene	26.533	276	8056964	35.248	ng	100
88) Benzo(b)fluoranthene	23.168	252	6551456	36.373	ng	100
89) Benzo(k)fluoranthene	23.216	252	6559030	35.997	ng	99
90) Benzo(a)pyrene	23.815	252	5486138	36.295	ng	99
91) Dibenzo(a,h)anthracene	26.545	278	6687086	35.201	ng	99
92) Benzo(g,h,i)perylene	27.327	276	6511549	34.595	ng	99

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

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