Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009280.D
Acq On : 07 Mar 2022 10:53
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Mar 07 16:13:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	395689	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	1580213	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	971107	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1978145	20.000	ng	0.00
76) Chrysene-d12	21.327	240	1996054	20.000	ng	0.00
86) Perylene-d12	23.727	264	2085888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	1981154	73.084	ng	0.00
7) Phenol-d6	6.987	99	2502547	72.646	ng	0.00
23) Nitrobenzene-d5	8.975	82	2194561	76.492	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	952837	81.257	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	5137805	72.758	ng	0.00
79) Terphenyl-d14	19.792	244	8015297	75.779	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	415138	35.977	ng	99
3) Pyridine	3.740	79	901761	36.667	ng	98
4) n-Nitrosodimethylamine	3.652	42	374159	36.480	ng	98
6) Aniline	7.146	93	1584328	36.309	ng	99
8) 2-Chlorophenol	7.387	128	1027704	37.011	ng	99
9) Benzaldehyde	6.958	77	804226	36.642	ng	100
10) Phenol	7.016	94	1282972	35.966	ng	99
11) bis(2-Chloroethyl)ether	7.246	93	1008965	36.548	ng	99
12) 1,3-Dichlorobenzene	7.710	146	1180066	36.072	ng	100
13) 1,4-Dichlorobenzene	7.857	146	1200468	36.167	ng	99
14) 1,2-Dichlorobenzene	8.175	146	1145672	36.114	ng	99
15) Benzyl Alcohol	8.057	79	898661	36.991	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.357	45	1282292	35.784	ng	98
17) 2-Methylphenol	8.263	107	853702	36.971	ng	99
18) Hexachloroethane	8.905	117	422742	36.594	ng	97
19) n-Nitroso-di-n-propyla...	8.634	70	780428	37.563	ng	99
20) 3+4-Methylphenols	8.593	107	1145865	37.028	ng	99
22) Acetophenone	8.640	105	1549380	36.679	ng	99
24) Nitrobenzene	9.016	77	1134825	37.323	ng	99
25) Isophorone	9.546	82	2057174	38.334	ng	100
26) 2-Nitrophenol	9.728	139	475726	40.389	ng	97
27) 2,4-Dimethylphenol	9.793	122	958744	37.008	ng	99
28) bis(2-Chloroethoxy)met...	10.034	93	1320363	37.597	ng	99
29) 2,4-Dichlorophenol	10.263	162	964170	38.588	ng	99
30) 1,2,4-Trichlorobenzene	10.481	180	1077257	36.836	ng	99
31) Naphthalene	10.663	128	3190645	36.460	ng	99
32) Benzoic acid	9.910	122	560850	42.626	ng	99
33) 4-Chloroaniline	10.769	127	1343268	37.542	ng	99
34) Hexachlorobutadiene	10.963	225	667252	37.466	ng	99
35) Caprolactam	11.546	113	301507	40.995	ng	99
36) 4-Chloro-3-methylphenol	11.898	107	1004119	38.498	ng	99
37) 2-Methylnaphthalene	12.281	142	2309592	37.146	ng	99
38) 1-Methylnaphthalene	12.498	142	2130496	37.206	ng	100
40) 1,2,4,5-Tetrachloroben...	12.651	216	1210748	36.997	ng	100
41) Hexachlorocyclopentadiene	12.640	237	787174	37.978	ng	99
43) 2,4,6-Trichlorophenol	12.887	196	767800	39.074	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	831281	38.569	ng	99
46) 1,1'-Biphenyl	13.293	154	2899254	36.567	ng	99
47) 2-Chloronaphthalene	13.334	162	2182773	36.346	ng	100
48) 2-Nitroaniline	13.528	65	569475	41.242	ng	98
49) Acenaphthylene	14.181	152	3450867	37.190	ng	99
50) Dimethylphthalate	13.922	163	2723470	38.024	ng	100
51) 2,6-Dinitrotoluene	14.034	165	573631	40.555	ng	99
52) Acenaphthene	14.528	154	2212522	37.204	ng	100
53) 3-Nitroaniline	14.357	138	607911	40.461	ng	99
54) 2,4-Dinitrophenol	14.563	184	263989	43.588	ng	98
55) Dibenzofuran	14.863	168	3325939	36.920	ng	99
56) 4-Nitrophenol	14.663	139	513117	41.066	ng	100
57) 2,4-Dinitrotoluene	14.822	165	768828	42.452	ng	98
58) Fluorene	15.510	166	2629550	37.274	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.087	232	721406	39.751	ng	99
60) Diethylphthalate	15.292	149	2715933	38.946	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	1357901	37.789	ng	98
62) 4-Nitroaniline	15.522	138	597561	41.014	ng	99
63) Azobenzene	15.804	77	2627699	38.354	ng	99
65) 4,6-Dinitro-2-methylph...	15.586	198	372427	42.803	ng	99
66) n-Nitrosodiphenylamine	15.722	169	2319078	37.347	ng	98
67) 4-Bromophenyl-phenylether	16.410	248	808095	37.864	ng	98
68) Hexachlorobenzene	16.528	284	958575	38.294	ng	98
69) Atrazine	16.686	200	868442	39.730	ng	99
70) Pentachlorophenol	16.869	266	610351	40.511	ng	98
71) Phenanthrene	17.263	178	4186314	36.824	ng	100
72) Anthracene	17.351	178	4250773	37.565	ng	100
73) Carbazole	17.622	167	3896365	37.789	ng	99
74) Di-n-butylphthalate	18.192	149	4612050	40.414	ng	99
75) Fluoranthene	19.239	202	4976562	37.926	ng	99
77) Benzidine	19.416	184	2908804	41.751	ng	100
78) Pyrene	19.586	202	5114599	37.951	ng	100
80) Butylbenzylphthalate	20.480	149	2022642	41.580	ng	97
81) Benzo(a)anthracene	21.310	228	5035390	37.219	ng	100
82) 3,3'-Dichlorobenzidine	21.245	252	1958359	39.433	ng	99
83) Chrysene	21.363	228	4869130	37.068	ng	100
84) Bis(2-ethylhexyl)phtha...	21.251	149	3148304	40.467	ng	99
85) Di-n-octyl phthalate	22.180	149	5204536	40.860	ng	100
87) Indeno(1,2,3-cd)pyrene	26.233	276	6093772	37.601	ng	99
88) Benzo(b)fluoranthene	22.998	252	5323530	37.799	ng	100
89) Benzo(k)fluoranthene	23.051	252	5172300	38.442	ng	99
90) Benzo(a)pyrene	23.627	252	5127140	38.384	ng	99
91) Dibenzo(a,h)anthracene	26.257	278	5167063	37.600	ng	99
92) Benzo(g,h,i)perylene	27.004	276	5136125	37.833	ng	99

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

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