Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042021\
Data File : BP005349.D
Acq On : 20 Apr 2021 11:24
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICCC040

Quant Time: Apr 20 12:00:58 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 12:00:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	28306	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	43405	20.00	ng	0.00
39) Acenaphthene-d10	14.304	164	34373	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	96988	20.00	ng	0.00
76) Chrysene-d12	21.169	240	157087	20.00	ng	0.00
86) Perylene-d12	23.427	264	148018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	147082	77.88	ng	0.00
7) Phenol-d6	6.834	99	177948	78.95	ng	0.00
23) Nitrobenzene-d5	8.811	82	137065	87.10	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	69189	114.48	ng	0.00
45) 2-Fluorobiphenyl	12.922	172	218614	84.12	ng	0.00
79) Terphenyl-d14	19.645	244	674651	83.28	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	43213	34.42	ng	100
3) Pyridine	3.587	79	97642	38.49	ng	100
4) n-Nitrosodimethylamine	3.499	42	32996	35.43	ng	100
6) Aniline	6.987	93	75077	38.01	ng	100
8) 2-Chlorophenol	7.217	128	73535	41.58	ng	100
9) Benzaldehyde	6.799	77	39132	38.97	ng	100
10) Phenol	6.864	94	88421	39.38	ng	100
11) bis(2-Chloroethyl)ether	7.081	93	61814	37.60	ng	100
12) 1,3-Dichlorobenzene	7.534	146	91597	40.16	ng	100
13) 1,4-Dichlorobenzene	7.681	146	89036	40.67	ng	100
14) 1,2-Dichlorobenzene	7.993	146	84178	40.78	ng	100
15) Benzyl Alcohol	7.899	79	36542	37.42	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.181	45	36002	36.02	ng	100
17) 2-Methylphenol	8.105	107	40411	37.10	ng	100
18) Hexachloroethane	8.711	117	29898	36.27	ng	100
19) n-Nitroso-di-n-propyla...	8.458	70	35657	35.88	ng	100
20) 3+4-Methylphenols	8.434	107	49172	37.27	ng	100
22) Acetophenone	8.475	105	95277	46.74	ng	100
24) Nitrobenzene	8.852	77	65533	42.49	ng	100
25) Isophorone	9.375	82	67200	40.91	ng	100
26) 2-Nitrophenol	9.558	139	18109	43.22	ng	100
27) 2,4-Dimethylphenol	9.622	122	27151	44.23	ng	100
28) bis(2-Chloroethoxy)met...	9.858	93	35181	42.00	ng	100
29) 2,4-Dichlorophenol	10.093	162	32031	43.45	ng	100
30) 1,2,4-Trichlorobenzene	10.299	180	45385	44.67	ng	100
31) Naphthalene	10.487	128	108098	42.31	ng	100
32) Benzoic acid	9.793	122	19054	45.52	ng	100
33) 4-Chloroaniline	10.610	127	35493	42.95	ng	100
34) Hexachlorobutadiene	10.763	225	41838	47.87	ng	100
35) Caprolactam	11.405	113	7178	39.94	ng	100
36) 4-Chloro-3-methylphenol	11.752	107	28476	38.87	ng	100
37) 2-Methylnaphthalene	12.110	142	66681	42.56	ng	100
38) 1-Methylnaphthalene	12.328	142	64755	42.57	ng	100
40) 1,2,4,5-Tetrachloroben...	12.481	216	55261	43.46	ng	100
41) Hexachlorocyclopentadiene	12.452	237	20041	50.85	ng	100
43) 2,4,6-Trichlorophenol	12.734	196	27950	41.50	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	31971	42.91	ng	100
46) 1,1'-Biphenyl	13.134	154	98900	40.43	ng	100
47) 2-Chloronaphthalene	13.175	162	81109	40.72	ng	100
48) 2-Nitroaniline	13.393	65	20173	40.22	ng	100
49) Acenaphthylene	14.028	152	126640	41.99	ng	100
50) Dimethylphthalate	13.775	163	93102	41.70	ng	100
51) 2,6-Dinitrotoluene	13.899	165	23893	42.13	ng	100
52) Acenaphthene	14.375	154	81697	40.63	ng	100
53) 3-Nitroaniline	14.234	138	19096	41.07	ng	100
54) 2,4-Dinitrophenol	14.451	184	14504	45.75	ng	100
55) Dibenzofuran	14.710	168	160838	44.25	ng	100
56) 4-Nitrophenol	14.563	139	15160	42.30	ng	100
57) 2,4-Dinitrotoluene	14.693	165	37000	42.75	ng	100
58) Fluorene	15.363	166	135102	45.45	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.946	232	39994	49.83	ng	100
60) Diethylphthalate	15.146	149	101765	44.31	ng	100
61) 4-Chlorophenyl-phenyle...	15.363	204	80793	48.01	ng	100
62) 4-Nitroaniline	15.404	138	20117	42.11	ng	100
63) Azobenzene	15.657	77	147661	44.79	ng	100
65) 4,6-Dinitro-2-methylph...	15.463	198	27591	43.59	ng	100
66) n-Nitrosodiphenylamine	15.581	169	106271	39.19	ng	100
67) 4-Bromophenyl-phenylether	16.263	248	55514	46.61	ng	100
68) Hexachlorobenzene	16.375	284	70781	46.71	ng	100
69) Atrazine	16.545	200	42602	43.82	ng	100
70) Pentachlorophenol	16.728	266	35320	48.03	ng	100
71) Phenanthrene	17.110	178	237206	40.67	ng	100
72) Anthracene	17.204	178	230432	41.82	ng	100
73) Carbazole	17.487	167	207492	41.60	ng	100
74) Di-n-butylphthalate	18.039	149	175427	39.47	ng	100
75) Fluoranthene	19.092	202	313087	44.07	ng	100
77) Benzidine	19.286	184	83252	40.28	ng	100
78) Pyrene	19.451	202	339714	39.53	ng	100
80) Butylbenzylphthalate	20.328	149	69310	34.54	ng	100
81) Benzo(a)anthracene	21.157	228	394575	39.93	ng	100
82) 3,3'-Dichlorobenzidine	21.092	252	98213	40.12	ng	100
83) Chrysene	21.210	228	392022	39.86	ng	100
84) Bis(2-ethylhexyl)phtha...	21.081	149	106118	33.72	ng	100
85) Di-n-octyl phthalate	21.957	149	199166	34.14	ng	100
87) Indeno(1,2,3-cd)pyrene	25.745	276	487093	42.04	ng	100
88) Benzo(b)fluoranthene	22.745	252	419633	41.48	ng	100
89) Benzo(k)fluoranthene	22.792	252	414174	42.70	ng	100
90) Benzo(a)pyrene	23.333	252	379192	41.76	ng	100
91) Dibenzo(a,h)anthracene	25.751	278	426392	42.12	ng	100
92) Benzo(g,h,i)perylene	26.445	276	393770	41.43	ng	100

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

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