Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041921\
Data File : BP005334.D
Acq On : 19 Apr 2021 17:18
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC020

Quant Time: Apr 19 18:36:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 19 18:33:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.652	152	22931	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	40851	20.00	ng		0.00
39) Acenaphthene-d10	14.310	164	31582	20.00	ng		0.00
64) Phenanthrene-d10	17.075	188	84312	20.00	ng	#	0.00
76) Chrysene-d12	21.175	240	122649	20.00	ng	#	0.00
86) Perylene-d12	23.433	264	125389	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.252	112	70004	37.22	ng		0.00
7) Phenol-d6	6.834	99	80783	37.14	ng		0.00
23) Nitrobenzene-d5	8.811	82	66520	50.29	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	23832	56.77	ng		0.00
45) 2-Fluorobiphenyl	12.922	172	95421	40.13	ng		0.00
79) Terphenyl-d14	19.651	244	264871	42.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.187	88	23326	24.39	ng	#	93
3) Pyridine	3.593	79	52276	22.96	ng		93
4) n-Nitrosodimethylamine	3.499	42	17623	26.86	ng	#	38
6) Aniline	6.987	93	33261	16.11	ng		95
8) 2-Chlorophenol	7.216	128	31148	20.98	ng		93
9) Benzaldehyde	6.799	77	21115	18.42	ng		89
10) Phenol	6.864	94	41237	18.86	ng		97
11) bis(2-Chloroethyl)ether	7.081	93	28493	17.92	ng		99
12) 1,3-Dichlorobenzene	7.534	146	41063	23.02	ng		95
13) 1,4-Dichlorobenzene	7.681	146	38911	22.23	ng		88
14) 1,2-Dichlorobenzene	7.993	146	36538	21.75	ng		97
15) Benzyl Alcohol	7.899	79	16567	14.99	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.187	45	15871	16.41	ng		98
17) 2-Methylphenol	8.105	107	18690	17.27	ng		93
18) Hexachloroethane	8.716	117	14657	19.98	ng		92
19) n-Nitroso-di-n-propyla...	8.458	70	16662	14.72	ng	#	90
20) 3+4-Methylphenols	8.434	107	21764	15.73	ng		93
22) Acetophenone	8.475	105	44176	27.62	ng	#	98
24) Nitrobenzene	8.852	77	32183	23.88	ng	#	93
25) Isophorone	9.375	82	30716	19.04	ng	#	94
26) 2-Nitrophenol	9.563	139	8230	24.82	ng		88
27) 2,4-Dimethylphenol	9.628	122	11891	21.36	ng		95
28) bis(2-Chloroethoxy)met...	9.858	93	15682	18.07	ng		99
29) 2,4-Dichlorophenol	10.105	162	14298	22.66	ng		83
30) 1,2,4-Trichlorobenzene	10.305	180	19346	23.41	ng		97
31) Naphthalene	10.487	128	49935	21.07	ng		99
32) Benzoic acid	9.775	122	8142	24.69	ng	#	68
33) 4-Chloroaniline	10.610	127	15372	19.71	ng		95
34) Hexachlorobutadiene	10.763	225	17833	26.88	ng		97
35) Caprolactam	11.399	113	3491	19.37	ng	#	78
36) 4-Chloro-3-methylphenol	11.752	107	13020	17.81	ng	#	83
37) 2-Methylnaphthalene	12.110	142	28601	19.65	ng		96
38) 1-Methylnaphthalene	12.334	142	28797	20.46	ng		96
40) 1,2,4,5-Tetrachloroben...	12.481	216	23163	20.81	ng		100
41) Hexachlorocyclopentadiene	12.457	237	6566	20.93	ng		87
43) 2,4,6-Trichlorophenol	12.740	196	11575	19.14	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	13296	19.56	ng		92
46) 1,1'-Biphenyl	13.134	154	42471	18.49	ng		97
47) 2-Chloronaphthalene	13.175	162	36676	19.46	ng		97
48) 2-Nitroaniline	13.399	65	8347	16.29	ng	#	85
49) Acenaphthylene	14.028	152	55890	20.04	ng		99
50) Dimethylphthalate	13.775	163	38839	18.74	ng		99
51) 2,6-Dinitrotoluene	13.899	165	10500	20.14	ng		97
52) Acenaphthene	14.375	154	39496	21.84	ng		96
53) 3-Nitroaniline	14.234	138	8887	21.56	ng	#	67
54) 2,4-Dinitrophenol	14.451	184	5475	21.84	ng		91
55) Dibenzofuran	14.710	168	72279	22.68	ng		98
56) 4-Nitrophenol	14.569	139	6475	18.71	ng	#	90
57) 2,4-Dinitrotoluene	14.693	165	16054	22.12	ng	#	95
58) Fluorene	15.363	166	58036	22.90	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.945	232	14142	22.61	ng	#	93
60) Diethylphthalate	15.146	149	41741	20.44	ng		99
61) 4-Chlorophenyl-phenyle...	15.363	204	33436	25.14	ng		93
62) 4-Nitroaniline	15.404	138	8428	19.88	ng		94
63) Azobenzene	15.657	77	67944	21.80	ng		94
65) 4,6-Dinitro-2-methylph...	15.463	198	10626	21.39	ng		93
66) n-Nitrosodiphenylamine	15.581	169	46143	18.54	ng		95
67) 4-Bromophenyl-phenylether	16.263	248	19804	21.43	ng		98
68) Hexachlorobenzene	16.375	284	26781	22.94	ng		96
69) Atrazine	16.545	200	16071	21.00	ng		93
70) Pentachlorophenol	16.728	266	12542	22.70	ng		98
71) Phenanthrene	17.110	178	104891	20.80	ng		99
72) Anthracene	17.204	178	99200	21.23	ng		99
73) Carbazole	17.487	167	89085	20.51	ng		99
74) Di-n-butylphthalate	18.039	149	71691	18.89	ng	#	94
75) Fluoranthene	19.098	202	126959	21.43	ng		97
77) Benzidine	19.286	184	31611	20.84	ng		99
78) Pyrene	19.451	202	139534	19.94	ng		98
80) Butylbenzylphthalate	20.328	149	30477	18.29	ng	#	83
81) Benzo(a)anthracene	21.157	228	165230	21.11	ng		99
82) 3,3'-Dichlorobenzidine	21.098	252	38401	19.85	ng	#	97
83) Chrysene	21.210	228	164015	21.18	ng		99
84) Bis(2-ethylhexyl)phtha...	21.086	149	46350	16.56	ng	#	96
85) Di-n-octyl phthalate	21.963	149	90160	17.37	ng		97
87) Indeno(1,2,3-cd)pyrene	25.745	276	204413	21.81	ng	#	97
88) Benzo(b)fluoranthene	22.745	252	176063	20.95	ng	#	99
89) Benzo(k)fluoranthene	22.792	252	172102	20.88	ng	#	99
90) Benzo(a)pyrene	23.333	252	161003	20.90	ng	#	97
91) Dibenzo(a,h)anthracene	25.751	278	179092	21.97	ng	#	97
92) Benzo(g,h,i)perylene	26.445	276	167207	21.62	ng		98

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

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