Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004815.D
Acq On : 19 Feb 2021 11:00
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Feb 19 12:05:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 12:04:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	42717	20.00	ng		0.00
21) Naphthalene-d8	10.557	136	161866	20.00	ng	#	0.00
39) Acenaphthene-d10	14.410	164	103998	20.00	ng		0.00
64) Phenanthrene-d10	17.163	188	218691	20.00	ng		0.00
76) Chrysene-d12	21.251	240	234239	20.00	ng	#	0.00
86) Perylene-d12	23.556	264	235551	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	206406	74.60	ng		0.00
7) Phenol-d6	6.945	99	276444	72.66	ng		0.00
23) Nitrobenzene-d5	8.922	82	259158	69.76	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	108720	78.68	ng		0.00
45) 2-Fluorobiphenyl	13.028	172	606795	71.31	ng		0.00
79) Terphenyl-d14	19.733	244	1023352	73.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	40948	34.59	ng	#	91
3) Pyridine	3.675	79	110985	37.02	ng	#	94
4) n-Nitrosodimethylamine	3.587	42	44872	35.97	ng	#	56
6) Aniline	7.093	93	150558	35.48	ng	#	87
8) 2-Chlorophenol	7.334	128	109563	37.91	ng		88
9) Benzaldehyde	6.904	77	71368	44.66	ng	#	81
10) Phenol	6.969	94	132119	35.87	ng		81
11) bis(2-Chloroethyl)ether	7.193	93	100784	35.78	ng		93
12) 1,3-Dichlorobenzene	7.651	146	132071	37.55	ng	#	93
13) 1,4-Dichlorobenzene	7.798	146	132863	37.18	ng	#	94
14) 1,2-Dichlorobenzene	8.110	146	128764	37.58	ng		96
15) Benzyl Alcohol	8.004	79	102801	35.99	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.292	45	87893	38.58	ng		96
17) 2-Methylphenol	8.210	107	92011	36.97	ng	#	91
18) Hexachloroethane	8.839	117	50368	37.62	ng		91
19) n-Nitroso-di-n-propyla...	8.569	70	83484	36.31	ng	#	89
20) 3+4-Methylphenols	8.540	107	122285	37.02	ng		91
22) Acetophenone	8.587	105	168975	35.91	ng	#	93
24) Nitrobenzene	8.963	77	127604	34.75	ng	#	83
25) Isophorone	9.487	82	211957	35.70	ng	#	91
26) 2-Nitrophenol	9.675	139	58986	40.55	ng	#	73
27) 2,4-Dimethylphenol	9.739	122	84008	37.13	ng		89
28) bis(2-Chloroethoxy)met...	9.969	93	133247	34.83	ng		98
29) 2,4-Dichlorophenol	10.210	162	103555	37.89	ng		94
30) 1,2,4-Trichlorobenzene	10.422	180	123004	36.43	ng		99
31) Naphthalene	10.604	128	338187	35.79	ng		99
32) Benzoic acid	9.869	122	57718	32.68	ng	#	73
33) 4-Chloroaniline	10.722	127	141265	36.44	ng	#	89
34) Hexachlorobutadiene	10.892	225	83957	37.02	ng		98
35) Caprolactam	11.510	113	34338	39.75	ng	#	78
36) 4-Chloro-3-methylphenol	11.857	107	115735	35.66	ng		87
37) 2-Methylnaphthalene	12.222	142	243354	36.21	ng	#	96
38) 1-Methylnaphthalene	12.445	142	230608	36.25	ng		99
40) 1,2,4,5-Tetrachloroben...	12.592	216	136371	36.50	ng	#	98
41) Hexachlorocyclopentadiene	12.569	237	79055	37.20	ng		97
43) 2,4,6-Trichlorophenol	12.839	196	89036	37.82	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	89685	36.25	ng	#	91
46) 1,1'-Biphenyl	13.239	154	308475	35.43	ng		97
47) 2-Chloronaphthalene	13.280	162	255879	35.86	ng		96
48) 2-Nitroaniline	13.492	65	76401	36.27	ng	#	65
49) Acenaphthylene	14.133	152	380293	36.07	ng		99
50) Dimethylphthalate	13.875	163	328578	35.92	ng	#	99
51) 2,6-Dinitrotoluene	13.992	165	69744	37.83	ng	#	63
52) Acenaphthene	14.475	154	235086	35.17	ng		98
53) 3-Nitroaniline	14.322	138	71153	37.11	ng	#	73
54) 2,4-Dinitrophenol	14.527	184	43379	40.85	ng	#	79
55) Dibenzofuran	14.810	168	368801	35.09	ng		96
56) 4-Nitrophenol	14.645	139	54844	36.46	ng	#	54
57) 2,4-Dinitrotoluene	14.780	165	97633	38.66	ng	#	72
58) Fluorene	15.463	166	305360	35.36	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.039	232	86733	36.85	ng		98
60) Diethylphthalate	15.239	149	329762	35.97	ng		99
61) 4-Chlorophenyl-phenyle...	15.457	204	168266	35.10	ng		98
62) 4-Nitroaniline	15.492	138	78345	37.41	ng	#	59
63) Azobenzene	15.751	77	290745	33.76	ng		85
65) 4,6-Dinitro-2-methylph...	15.545	198	56739	42.46	ng		89
66) n-Nitrosodiphenylamine	15.674	169	263996	37.12	ng		99
67) 4-Bromophenyl-phenylether	16.357	248	107739	38.26	ng		96
68) Hexachlorobenzene	16.469	284	116797	38.07	ng		94
69) Atrazine	16.633	200	91405	39.18	ng		97
70) Pentachlorophenol	16.816	266	67597	39.37	ng		97
71) Phenanthrene	17.210	178	489742	36.58	ng		98
72) Anthracene	17.298	178	474718	36.87	ng		100
73) Carbazole	17.574	167	438601	37.13	ng		98
74) Di-n-butylphthalate	18.127	149	573213	39.55	ng	#	98
75) Fluoranthene	19.180	202	581879	36.47	ng		99
77) Benzidine	19.362	184	192758	42.76	ng		99
78) Pyrene	19.533	202	602996	36.50	ng		99
80) Butylbenzylphthalate	20.404	149	263528	40.59	ng	#	79
81) Benzo(a)anthracene	21.239	228	604754	36.40	ng		98
82) 3,3'-Dichlorobenzidine	21.174	252	204913	38.92	ng		98
83) Chrysene	21.286	228	577241	35.88	ng		99
84) Bis(2-ethylhexyl)phtha...	21.162	149	385816	39.37	ng		97
85) Di-n-octyl phthalate	22.056	149	642821	40.45	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.927	276	702830	37.37	ng		96
88) Benzo(b)fluoranthene	22.856	252	615690	35.69	ng		99
89) Benzo(k)fluoranthene	22.903	252	596831	36.04	ng		97
90) Benzo(a)pyrene	23.456	252	570329	36.58	ng		97
91) Dibenzo(a,h)anthracene	25.939	278	583030	37.16	ng		97
92) Benzo(g,h,i)perylene	26.650	276	561728	37.32	ng	#	94

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

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