Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
Data File : BP004576.D
Acq On : 15 Jan 2021 14:13
Operator : CG/JU
Sample : M1090-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BORE-3-1FT-7FTMS

Quant Time: Jan 15 14:46:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 12 15:19:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	220581	20.00	ng		-0.01
21) Naphthalene-d8	10.599	136	803931	20.00	ng		#-0.01
39) Acenaphthene-d10	14.457	164	463281	20.00	ng		-0.01
64) Phenanthrene-d10	17.216	188	931936	20.00	ng		-0.01
76) Chrysene-d12	21.310	240	928613	20.00	ng		-0.01
86) Perylene-d12	23.663	264	1005284	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	1522431	120.30	ng		0.00
7) Phenol-d6	6.987	99	1831538	105.66	ng		0.00
23) Nitrobenzene-d5	8.963	82	1045546	73.53	ng		-0.01
42) 2,4,6-Tribromophenol	15.957	330	792648	98.41	ng		0.00
45) 2-Fluorobiphenyl	13.075	172	2514997	70.57	ng		0.00
79) Terphenyl-d14	19.780	244	3108810	61.17	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	203790	39.83	ng	#	92
3) Pyridine	3.717	79	542930	39.60	ng		97
4) n-Nitrosodimethylamine	3.634	42	182454	42.09	ng		94
6) Aniline	7.134	93	331336	16.80	ng		97
8) 2-Chlorophenol	7.375	128	602304	41.91	ng		94
9) Benzaldehyde	6.946	77	81298	8.12	ng		89
10) Phenol	7.011	94	742736	44.69	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	544382	40.93	ng		96
12) 1,3-Dichlorobenzene	7.693	146	701662	39.49	ng		97
13) 1,4-Dichlorobenzene	7.840	146	711552	39.58	ng		99
14) 1,2-Dichlorobenzene	8.158	146	675146	39.33	ng		99
15) Benzyl Alcohol	8.046	79	442674	39.42	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.334	45	532878	37.78	ng		93
17) 2-Methylphenol	8.258	107	471187	40.18	ng		100
18) Hexachloroethane	8.881	117	240553	38.72	ng		95
19) n-Nitroso-di-n-propyla...	8.610	70	356475	36.67	ng		93
20) 3+4-Methylphenols	8.581	107	622997	38.93	ng		99
22) Acetophenone	8.628	105	801786	40.40	ng	#	97
24) Nitrobenzene	9.005	77	560593	40.29	ng		91
25) Isophorone	9.528	82	1005020	39.19	ng		95
26) 2-Nitrophenol	9.716	139	326132	42.52	ng		93
27) 2,4-Dimethylphenol	9.781	122	511642	48.17	ng		99
28) bis(2-Chloroethoxy)met...	10.010	93	663732	37.72	ng		99
29) 2,4-Dichlorophenol	10.257	162	557487	39.52	ng		99
30) 1,2,4-Trichlorobenzene	10.469	180	644906	38.00	ng		98
31) Naphthalene	10.651	128	1753762	39.72	ng		100
32) Benzoic acid	9.940	122	324970	38.86	ng		90
33) 4-Chloroaniline	10.769	127	101949	5.35	ng	#	96
34) Hexachlorobutadiene	10.934	225	411262	36.06	ng		99
35) Caprolactam	11.540	113	155196	34.46	ng	#	73
36) 4-Chloro-3-methylphenol	11.904	107	503273	37.47	ng		100
37) 2-Methylnaphthalene	12.269	142	1236512	38.09	ng		99
38) 1-Methylnaphthalene	12.487	142	1148131	37.26	ng		99
40) 1,2,4,5-Tetrachloroben...	12.640	216	699074	42.01	ng		99
41) Hexachlorocyclopentadiene	12.616	237	718872	75.94	ng		99
43) 2,4,6-Trichlorophenol	12.887	196	440941	40.71	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	467901	41.57	ng		98
46) 1,1'-Biphenyl	13.287	154	1537964	41.53	ng		99
47) 2-Chloronaphthalene	13.328	162	1220642	39.82	ng		98
48) 2-Nitroaniline	13.534	65	260293	36.72	ng		82
49) Acenaphthylene	14.181	152	1844589	40.28	ng		100
50) Dimethylphthalate	13.916	163	1657698	43.18	ng		99
51) 2,6-Dinitrotoluene	14.034	165	325506	39.77	ng		96
52) Acenaphthene	14.522	154	1102452	39.49	ng		99
53) 3-Nitroaniline	14.369	138	104964	11.78	ng		92
54) 2,4-Dinitrophenol	14.587	184	341880	63.97	ng		93
55) Dibenzofuran	14.857	168	1783841	39.46	ng		97
56) 4-Nitrophenol	14.692	139	493302	79.78	ng		92
57) 2,4-Dinitrotoluene	14.834	165	428308	38.28	ng		92
58) Fluorene	15.510	166	1415798	39.23	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	399187	37.78	ng		91
60) Diethylphthalate	15.281	149	1371146	36.52	ng		98
61) 4-Chlorophenyl-phenyle...	15.504	204	756614	37.10	ng		92
62) 4-Nitroaniline	15.539	138	288928	30.71	ng		96
63) Azobenzene	15.798	77	1108904	39.01	ng		95
65) 4,6-Dinitro-2-methylph...	15.610	198	241919	44.57	ng		94
66) n-Nitrosodiphenylamine	15.722	169	1230020	42.58	ng		100
67) 4-Bromophenyl-phenylether	16.404	248	485059	38.94	ng		94
68) Hexachlorobenzene	16.528	284	565232	37.99	ng		96
69) Atrazine	16.681	200	370084	36.42	ng		97
70) Pentachlorophenol	16.875	266	569536	85.30	ng		100
71) Phenanthrene	17.263	178	2169974	40.61	ng		100
72) Anthracene	17.351	178	2222739	42.93	ng		100
73) Carbazole	17.628	167	1965104	40.72	ng		99
74) Di-n-butylphthalate	18.175	149	2276561	39.04	ng		99
75) Fluoranthene	19.233	202	2552807	39.27	ng		100
77) Benzidine	19.410	184	679335	27.96	ng		100
78) Pyrene	19.586	202	2590255	40.99	ng		100
80) Butylbenzylphthalate	20.457	149	986176	38.59	ng		95
81) Benzo(a)anthracene	21.298	228	2504980	39.66	ng		100
82) 3,3'-Dichlorobenzidine	21.227	252	556380	24.44	ng		99
83) Chrysene	21.351	228	2443784	40.65	ng		100
84) Bis(2-ethylhexyl)phtha...	21.216	149	1444482	39.58	ng		99
85) Di-n-octyl phthalate	22.121	149	2463785	39.76	ng	#	97
87) Indeno(1,2,3-cd)pyrene	26.092	276	3484434	44.92	ng		98
88) Benzo(b)fluoranthene	22.951	252	2835014	43.57	ng		99
89) Benzo(k)fluoranthene	22.998	252	2573707	41.47	ng		99
90) Benzo(a)pyrene	23.563	252	2501879	41.22	ng		98
91) Dibenzo(a,h)anthracene	26.092	278	2913837	45.52	ng		98
92) Benzo(g,h,i)perylene	26.827	276	2947731	46.76	ng		98

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

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