Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102720\
Data File : BP003757.D
Acq On : 27 Oct 2020 16:31
Operator : CG/JU
Sample : L4523-05MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CS-41MS

Quant Time: Oct 27 17:16:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 16:22:21 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.510	152	186737	20.00	ng		0.00
21) Naphthalene-d8	11.357	136	690926	20.00	ng	#	0.00
39) Acenaphthene-d10	15.110	164	432995	20.00	ng		0.00
64) Phenanthrene-d10	17.834	188	891856	20.00	ng		0.00
76) Chrysene-d12	21.851	240	701167	20.00	ng	#	0.00
86) Perylene-d12	24.421	264	598477	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.011	112	1347112	120.63	ng		0.00
7) Phenol-d6	7.669	99	1791048	113.52	ng		0.01
23) Nitrobenzene-d5	9.681	82	1213338	74.29	ng		0.00
42) 2,4,6-Tribromophenol	16.587	330	754585	111.70	ng		0.00
45) 2-Fluorobiphenyl	13.740	172	2769049	82.67	ng		0.00
79) Terphenyl-d14	20.304	244	3537394	88.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.675	88	182429	38.24	ng	#	89
3) Pyridine	4.117	79	540851	40.08	ng		93
4) n-Nitrosodimethylamine	4.011	42	235894	40.98	ng	#	70
6) Aniline	7.811	93	711742	40.64	ng		90
8) 2-Chlorophenol	8.081	128	572400	51.48	ng		85
9) Benzaldehyde	7.605	77	195174	22.62	ng		82
10) Phenol	7.693	94	766349	51.00	ng		82
11) bis(2-Chloroethyl)ether	7.893	93	572974	48.05	ng		93
12) 1,3-Dichlorobenzene	8.405	146	659141	45.97	ng	#	93
13) 1,4-Dichlorobenzene	8.546	146	674916	46.61	ng		95
14) 1,2-Dichlorobenzene	8.881	146	636607	46.40	ng		95
15) Benzyl Alcohol	8.746	79	569994	47.26	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	9.040	45	529117	44.78	ng		99
17) 2-Methylphenol	8.963	107	506740	50.91	ng	#	93
18) Hexachloroethane	9.634	117	248430	44.52	ng		93
19) n-Nitroso-di-n-propyla...	9.316	70	443412	46.00	ng	#	89
20) 3+4-Methylphenols	9.293	107	675698	50.43	ng		94
22) Acetophenone	9.334	105	893010	44.16	ng	#	90
24) Nitrobenzene	9.722	77	672208	42.75	ng	#	79
25) Isophorone	10.252	82	1206760	45.85	ng	#	91
26) 2-Nitrophenol	10.452	139	307935	52.43	ng	#	72
27) 2,4-Dimethylphenol	10.510	122	524927	56.91	ng		86
28) bis(2-Chloroethoxy)met...	10.716	93	739296	44.03	ng		97
29) 2,4-Dichlorophenol	11.004	162	581375	48.05	ng		95
30) 1,2,4-Trichlorobenzene	11.222	180	664402	42.85	ng		98
31) Naphthalene	11.404	128	1686902	45.29	ng		100
32) Benzoic acid	10.675	122	290476	45.23	ng	#	71
33) 4-Chloroaniline	11.487	127	371694	24.21	ng	#	89
34) Hexachlorobutadiene	11.716	225	473968	40.51	ng		99
35) Caprolactam	12.234	113	162989	46.01	ng	#	68
36) 4-Chloro-3-methylphenol	12.599	107	615948	46.92	ng		84
37) 2-Methylnaphthalene	12.975	142	1235890	45.73	ng		97
38) 1-Methylnaphthalene	13.193	142	1142024	44.70	ng		98
40) 1,2,4,5-Tetrachloroben...	13.346	216	796572	46.45	ng		98
41) Hexachlorocyclopentadiene	13.340	237	983518	99.07	ng		100
43) 2,4,6-Trichlorophenol	13.569	196	493443	48.36	ng		100

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44) 2,4,5-Trichlorophenol	13.646	196	520709	49.12	ng		95
46) 1,1'-Biphenyl	13.951	154	1574712	46.64	ng		99
47) 2-Chloronaphthalene	13.998	162	1252483	44.36	ng		98
48) 2-Nitroaniline	14.175	65	350595	42.05	ng	#	64
49) Acenaphthylene	14.840	152	1854824	46.01	ng		99
50) Dimethylphthalate	14.540	163	1711476	48.10	ng		99
51) 2,6-Dinitrotoluene	14.651	165	343368	47.45	ng	#	76
52) Acenaphthene	15.175	154	1338693	49.20	ng		90
53) 3-Nitroaniline	14.981	138	205699	28.96	ng	#	64
54) 2,4-Dinitrophenol	15.187	184	338338	82.36	ng	#	1
55) Dibenzofuran	15.504	168	1864304	45.32	ng		99
56) 4-Nitrophenol	15.298	139	505234	95.05	ng	#	58
57) 2,4-Dinitrotoluene	15.440	165	455384	46.51	ng	#	78
58) Fluorene	16.145	166	1490300	44.91	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.734	232	476494	46.87	ng		90
60) Diethylphthalate	15.887	149	1470994	42.20	ng		98
61) 4-Chlorophenyl-phenyle...	16.122	204	868843	43.30	ng		93
62) 4-Nitroaniline	16.139	138	301219	38.23	ng	#	71
63) Azobenzene	16.416	77	1369993	41.81	ng		90
65) 4,6-Dinitro-2-methylph...	16.210	198	260149	55.33	ng		93
66) n-Nitrosodiphenylamine	16.328	169	1299725	48.95	ng		98
67) 4-Bromophenyl-phenylether	17.010	248	562558	47.11	ng		96
68) Hexachlorobenzene	17.175	284	625392	45.51	ng		94
69) Atrazine	17.251	200	410675	39.67	ng		96
70) Pentachlorophenol	17.504	266	708299	104.37	ng		99
71) Phenanthrene	17.875	178	2248924	45.38	ng		99
72) Anthracene	17.963	178	2302321	48.10	ng		99
73) Carbazole	18.210	167	1947319	45.73	ng		99
74) Di-n-butylphthalate	18.710	149	2346621	45.14	ng	#	98
75) Fluoranthene	19.792	202	2593424	42.59	ng		98
77) Benzidine	19.928	184	775044	46.13	ng		99
78) Pyrene	20.139	202	2559745	54.51	ng		99
80) Butylbenzylphthalate	20.939	149	872823	50.73	ng	#	80
81) Benzo(a)anthracene	21.833	228	2165291	46.32	ng		99
82) 3,3'-Dichlorobenzidine	21.739	252	502118	30.67	ng	#	97
83) Chrysene	21.892	228	2054749	46.36	ng		98
84) Bis(2-ethylhexyl)phtha...	21.692	149	1197453	48.63	ng		98
85) Di-n-octyl phthalate	22.657	149	1794736	44.91	ng	#	93
87) Indeno(1,2,3-cd)pyrene	27.110	276	2046618	47.65	ng	#	92
88) Benzo(b)fluoranthene	23.639	252	1901711	45.54	ng	#	97
89) Benzo(k)fluoranthene	23.686	252	1788946	44.89	ng	#	97
90) Benzo(a)pyrene	24.316	252	1629017	43.75	ng	#	95
91) Dibenzo(a,h)anthracene	27.110	278	1727238	48.11	ng	#	94
92) Benzo(g,h,i)perylene	27.939	276	1714388	51.51	ng	#	92

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

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