Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110920\
Data File : BP003870.D
Acq On : 09 Nov 2020 16:14
Operator : CG/JU
Sample : L4665-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-8-COMPMS

Manual Integrations APPROVED
mohammad
11/10/2020 12:00:30 PM

Quant Time: Nov 09 17:49:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 11:33:14 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	132463	20.00	ng	0.00
21) Naphthalene-d8	11.134	136	492949	20.00	ng	# 0.00
39) Acenaphthene-d10	14.916	164	300410	20.00	ng	0.00
64) Phenanthrene-d10	17.645	188	625646	20.00	ng	0.00
76) Chrysene-d12	21.675	240	605860	20.00	ng	0.00
86) Perylene-d12	24.151	264	647313	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	980998	123.60	ng	0.00
7) Phenol-d6	7.469	99	1256083	110.25	ng	0.00
23) Nitrobenzene-d5	9.463	82	828175m	82.28	ng	0.00
42) 2,4,6-Tribromophenol	16.398	330	489174	130.19	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	1566912	72.92	ng	0.00
79) Terphenyl-d14	20.139	244	2100992	67.00	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.511	88	128974	37.67	ng	# 62
3) Pyridine	3.946	79	375997	37.44	ng	# 63
4) n-Nitrosodimethylamine	3.846	42	194719	42.11	ng	# 54
6) Aniline	7.605	93	251394	19.43	ng	# 84
8) 2-Chlorophenol	7.869	128	375667	44.58	ng	# 81
9) Benzaldehyde	7.405	77	78086	11.95	ng	# 81
10) Phenol	7.493	94	501272	45.59	ng	82
11) bis(2-Chloroethyl)ether	7.687	93	372353	42.14	ng	# 81
12) 1,3-Dichlorobenzene	8.199	146	430430	41.68	ng	# 95
13) 1,4-Dichlorobenzene	8.340	146	438860	42.15	ng	94
14) 1,2-Dichlorobenzene	8.669	146	417037	41.94	ng	96
15) Benzyl Alcohol	8.534	79	347716	44.06	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.828	45	558898	37.55	ng	81
17) 2-Methylphenol	8.758	107	314927	43.63	ng	# 93
18) Hexachloroethane	9.416	117	160195	43.30	ng	97
19) n-Nitroso-di-n-propyla...	9.105	70	286909	42.13	ng	# 78
20) 3+4-Methylphenols	9.087	107	419412	43.53	ng	96
22) Acetophenone	9.122	105	560305	42.35	ng	# 86
24) Nitrobenzene	9.505	77	428184	42.81	ng	# 82
25) Isophorone	10.034	82	765910	44.80	ng	# 91
26) 2-Nitrophenol	10.234	139	202820	51.93	ng	# 74
27) 2,4-Dimethylphenol	10.299	122	336638	51.67	ng	93
28) bis(2-Chloroethoxy)met...	10.505	93	468854	39.97	ng	97
29) 2,4-Dichlorophenol	10.787	162	355242	45.25	ng	96
30) 1,2,4-Trichlorobenzene	11.005	180	398581	41.67	ng	97
31) Naphthalene	11.187	128	1118077	42.27	ng	99
32) Benzoic acid	10.440	122	166555	38.42	ng	# 80
33) 4-Chloroaniline	11.275	127	193998	17.26	ng	# 90
34) Hexachlorobutadiene	11.499	225	259058	41.53	ng	99
35) Caprolactam	12.004	113	109784	45.23	ng	# 19
36) 4-Chloro-3-methylphenol	12.399	107	374445	44.18	ng	91
37) 2-Methylnaphthalene	12.769	142	803324	42.44	ng	97
38) 1-Methylnaphthalene	12.987	142	739133	40.94	ng	98
40) 1,2,4,5-Tetrachloroben...	13.146	216	440924	44.35	ng	99
41) Hexachlorocyclopentadiene	13.140	237	541505	107.96	ng	99
43) 2,4,6-Trichlorophenol	13.369	196	284731	46.33	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.446	196	300031	46.36	ng	#	96
46) 1,1'-Biphenyl	13.751	154	993980	42.62	ng		98
47) 2-Chloronaphthalene	13.804	162	783618	40.95	ng		99
48) 2-Nitroaniline	13.981	65	245348	42.97	ng	#	61
49) Acenaphthylene	14.640	152	1203153	42.82	ng		100
50) Dimethylphthalate	14.346	163	1170002	49.83	ng		100
51) 2,6-Dinitrotoluene	14.463	165	218074	45.26	ng	#	78
52) Acenaphthene	14.981	154	868912	46.43	ng		94
53) 3-Nitroaniline	14.793	138	116189	21.79	ng	#	71
54) 2,4-Dinitrophenol	14.998	184	218219	80.52	ng	#	17
55) Dibenzofuran	15.310	168	1171095	42.11	ng		100
56) 4-Nitrophenol	15.116	139	355174	92.40	ng	#	64
57) 2,4-Dinitrotoluene	15.251	165	296629	45.85	ng	#	76
58) Fluorene	15.957	166	947506	42.55	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.545	232	262066	44.92	ng		97
60) Diethylphthalate	15.698	149	969494	42.17	ng		98
61) 4-Chlorophenyl-phenyle...	15.934	204	504738	41.48	ng		98
62) 4-Nitroaniline	15.951	138	210093	37.79	ng		86
63) Azobenzene	16.228	77	900807	41.50	ng		86
65) 4,6-Dinitro-2-methylph...	16.022	198	164216	48.65	ng	#	81
66) n-Nitrosodiphenylamine	16.145	169	831606	43.42	ng		98
67) 4-Bromophenyl-phenylether	16.828	248	312373	42.67	ng		97
68) Hexachlorobenzene	16.987	284	346553	41.49	ng		99
69) Atrazine	17.075	200	258423	41.10	ng		98
70) Pentachlorophenol	17.316	266	380932	95.34	ng		99
71) Phenanthrene	17.687	178	1477958	42.09	ng		99
72) Anthracene	17.775	178	1514472	44.66	ng		98
73) Carbazole	18.028	167	1357563	43.15	ng		99
74) Di-n-butylphthalate	18.545	149	1673004	45.93	ng	#	99
75) Fluoranthene	19.616	202	1752556	43.26	ng		99
77) Benzidine	19.763	184	446112	31.22	ng		99
78) Pyrene	19.969	202	1785349	43.42	ng		98
80) Butylbenzylphthalate	20.780	149	741164	48.38	ng	#	83
81) Benzo(a)anthracene	21.657	228	1700965	42.57	ng		98
82) 3,3'-Dichlorobenzidine	21.563	252	368719	26.75	ng		98
83) Chrysene	21.710	228	1638941	42.69	ng		98
84) Bis(2-ethylhexyl)phtha...	21.533	149	1104573	48.91	ng		99
85) Di-n-octyl phthalate	22.469	149	1885938	50.13	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.715	276	1971503	42.22	ng		98
88) Benzo(b)fluoranthene	23.398	252	1793879	42.35	ng		99
89) Benzo(k)fluoranthene	23.445	252	1639561	39.20	ng		99
90) Benzo(a)pyrene	24.039	252	1570225	40.04	ng		99
91) Dibenzo(a,h)anthracene	26.710	278	1677467	43.10	ng		98
92) Benzo(g,h,i)perylene	27.504	276	1656575	43.97	ng		96

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

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