Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110620\
Data File : BP003839.D
Acq On : 06 Nov 2020 14:33
Operator : CG/JU
Sample : L4635-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
356MSD

Manual Integrations APPROVED
mohammad
11/10/2020 11:59:18 AM

Quant Time: Nov 06 15:01:59 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	8.304	152	153186	20.00	ng		0.00
21) Naphthalene-d8	11.133	136	597969	20.00	ng		# 0.00
39) Acenaphthene-d10	14.921	164	370671	20.00	ng		0.00
64) Phenanthrene-d10	17.645	188	763176	20.00	ng		# 0.00
76) Chrysene-d12	21.668	240	683991	20.00	ng		0.00
86) Perylene-d12	24.145	264	724458	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.822	112	1146535	124.92	ng		0.00
7) Phenol-d6	7.469	99	1494021	113.39	ng		0.00
23) Nitrobenzene-d5	9.469	82	968309m	79.31	ng		0.00
42) 2,4,6-Tribromophenol	16.398	330	581508	125.43	ng		0.00
45) 2-Fluorobiphenyl	13.545	172	2002068	75.51	ng		0.00
79) Terphenyl-d14	20.139	244	2505042	70.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.510	88	161131	40.69	ng	#	63
3) Pyridine	3.946	79	475609	40.95	ng	#	63
4) n-Nitrosodimethylamine	3.846	42	240616	45.00	ng	#	56
6) Aniline	7.604	93	399121	26.68	ng	#	85
8) 2-Chlorophenol	7.875	128	503638	51.68	ng		83
9) Benzaldehyde	7.404	77	113075	15.77	ng	#	80
10) Phenol	7.498	94	668290	52.56	ng		84
11) bis(2-Chloroethyl)ether	7.692	93	480489	47.02	ng	#	81
12) 1,3-Dichlorobenzene	8.198	146	557845	46.71	ng	#	94
13) 1,4-Dichlorobenzene	8.339	146	566041	47.01	ng		96
14) 1,2-Dichlorobenzene	8.675	146	542610	47.18	ng		98
15) Benzyl Alcohol	8.534	79	466145	51.08	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.834	45	721429	41.92	ng		83
17) 2-Methylphenol	8.763	107	428935	51.38	ng	#	94
18) Hexachloroethane	9.416	117	204315	47.75	ng		95
19) n-Nitroso-di-n-propyla...	9.110	70	381969	48.50	ng	#	80
20) 3+4-Methylphenols	9.092	107	575017	51.60	ng		94
22) Acetophenone	9.122	105	743219	46.31	ng	#	87
24) Nitrobenzene	9.510	77	565172	46.58	ng	#	81
25) Isophorone	10.034	82	1021840	49.27	ng	#	91
26) 2-Nitrophenol	10.233	139	274270	57.89	ng	#	76
27) 2,4-Dimethylphenol	10.298	122	462336	58.50	ng		93
28) bis(2-Chloroethoxy)met...	10.504	93	626171	44.00	ng		97
29) 2,4-Dichlorophenol	10.786	162	486424	51.08	ng		96
30) 1,2,4-Trichlorobenzene	11.004	180	528928	45.59	ng		99
31) Naphthalene	11.186	128	1493655	46.55	ng		100
32) Benzoic acid	10.457	122	291565	51.76	ng	#	76
33) 4-Chloroaniline	11.275	127	261742	19.19	ng	#	90
34) Hexachlorobutadiene	11.498	225	336977	44.53	ng		99
35) Caprolactam	12.016	113	155442	52.79	ng	#	30
36) 4-Chloro-3-methylphenol	12.398	107	519184	50.50	ng		89
37) 2-Methylnaphthalene	12.769	142	1075317	46.83	ng		98
38) 1-Methylnaphthalene	12.986	142	1007818	46.01	ng		97
40) 1,2,4,5-Tetrachloroben...	13.145	216	587909	47.92	ng		99
41) Hexachlorocyclopentadiene	13.139	237	588652	95.11	ng		99
43) 2,4,6-Trichlorophenol	13.369	196	395941	52.21	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.451	196	420801	52.70	ng		97
46) 1,1'-Biphenyl	13.751	154	1346596	46.80	ng		98
47) 2-Chloronaphthalene	13.804	162	1060944	44.94	ng		100
48) 2-Nitroaniline	13.980	65	335785	47.67	ng	#	60
49) Acenaphthylene	14.639	152	1657919	47.82	ng		99
50) Dimethylphthalate	14.351	163	1611743	55.63	ng		99
51) 2,6-Dinitrotoluene	14.463	165	293310	49.34	ng	#	75
52) Acenaphthene	14.980	154	1152495	49.91	ng		95
53) 3-Nitroaniline	14.792	138	170939	25.98	ng	#	76
54) 2,4-Dinitrophenol	14.998	184	257187	78.00	ng	#	6
55) Dibenzofuran	15.310	168	1592106	46.40	ng		99
56) 4-Nitrophenol	15.116	139	500585	105.54	ng	#	65
57) 2,4-Dinitrotoluene	15.251	165	399300	50.03	ng	#	77
58) Fluorene	15.957	166	1293198	47.07	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.545	232	367760	51.09	ng		97
60) Diethylphthalate	15.698	149	1292846	45.57	ng		99
61) 4-Chlorophenyl-phenyle...	15.933	204	682694	45.47	ng		97
62) 4-Nitroaniline	15.951	138	268024	39.07	ng		91
63) Azobenzene	16.227	77	1214856	45.35	ng		86
65) 4,6-Dinitro-2-methylph...	16.021	198	196229	47.79	ng		84
66) n-Nitrosodiphenylamine	16.145	169	1137396	48.68	ng		96
67) 4-Bromophenyl-phenylether	16.821	248	421036	47.15	ng		98
68) Hexachlorobenzene	16.986	284	471057	46.23	ng		98
69) Atrazine	17.074	200	341833	44.57	ng		98
70) Pentachlorophenol	17.315	266	567463	116.43	ng		99
71) Phenanthrene	17.686	178	2119186	49.48	ng		99
72) Anthracene	17.774	178	2061598	49.84	ng		99
73) Carbazole	18.027	167	1828454	47.64	ng		98
74) Di-n-butylphthalate	18.545	149	2169925	48.84	ng		99
75) Fluoranthene	19.615	202	2457101	49.72	ng		99
77) Benzidine	19.762	184	906971	56.22	ng		100
78) Pyrene	19.962	202	2489177	53.63	ng		99
80) Butylbenzylphthalate	20.780	149	935544	54.09	ng	#	85
81) Benzo(a)anthracene	21.651	228	2214522	49.10	ng		98
82) 3,3'-Dichlorobenzidine	21.562	252	557503	35.83	ng		100
83) Chrysene	21.709	228	2127428	49.09	ng		98
84) Bis(2-ethylhexyl)phtha...	21.533	149	1348981	52.91	ng		98
85) Di-n-octyl phthalate	22.462	149	2351413	55.36	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.709	276	2455368	46.98	ng		97
88) Benzo(b)fluoranthene	23.398	252	2209145	46.60	ng		99
89) Benzo(k)fluoranthene	23.445	252	2148008	45.89	ng		98
90) Benzo(a)pyrene	24.039	252	2010841	45.82	ng		99
91) Dibenzo(a,h)anthracene	26.709	278	2060807	47.31	ng		97
92) Benzo(g,h,i)perylene	27.503	276	2084516	49.43	ng		97

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

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