Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
Data File : BP004060.D
Acq On : 23 Nov 2020 17:56
Operator : CG/JU
Sample : L4839-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B3-9-10MS

Manual Integrations APPROVED
mohammad
11/25/2020 12:49:40 PM

Quant Time: Nov 24 06:22:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 16:42:41 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.263	152	127927	20.00	ng		0.00
21) Naphthalene-d8	11.099	136	494478	20.00	ng	#	0.00
39) Acenaphthene-d10	14.892	164	300536	20.00	ng		0.00
64) Phenanthrene-d10	17.622	188	627102	20.00	ng	#	0.00
76) Chrysene-d12	21.657	240	574783	20.00	ng		0.00
86) Perylene-d12	24.127	264	585702	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.805	112	660798	86.21	ng		0.00
7) Phenol-d6	7.458	99	857116	77.90	ng		0.00
23) Nitrobenzene-d5	9.428	82	530870	52.58	ng		0.00
42) 2,4,6-Tribromophenol	16.375	330	311635	82.90	ng		0.00
45) 2-Fluorobiphenyl	13.510	172	1134945	52.80	ng		0.00
79) Terphenyl-d14	20.122	244	1489661	50.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.481	88	119700	36.20	ng	#	64
3) Pyridine	3.917	79	347786	35.86	ng	#	62
4) n-Nitrosodimethylamine	3.817	42	189386	42.41	ng	#	53
6) Aniline	7.575	93	330876	26.48	ng	#	86
8) 2-Chlorophenol	7.840	128	386125	47.45	ng	#	80
9) Benzaldehyde	7.369	77	53473	7.71	ng	#	78
10) Phenol	7.481	94	524745	49.42	ng		82
11) bis(2-Chloroethyl)ether	7.658	93	383359	44.92	ng		84
12) 1,3-Dichlorobenzene	8.158	146	426933	42.81	ng	#	93
13) 1,4-Dichlorobenzene	8.299	146	438944	43.66	ng		96
14) 1,2-Dichlorobenzene	8.634	146	416253	43.34	ng		97
15) Benzyl Alcohol	8.505	79	349560	45.87	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.793	45	569330	39.61	ng		82
17) 2-Methylphenol	8.740	107	324265	46.51	ng	#	94
18) Hexachloroethane	9.375	117	157787	44.16	ng		97
19) n-Nitroso-di-n-propyla...	9.069	70	292071	44.41	ng	#	76
20) 3+4-Methylphenols	9.069	107	430964	46.31	ng	#	80
22) Acetophenone	9.087	105	566387	42.67	ng	#	83
24) Nitrobenzene	9.475	77	441422	43.99	ng	#	81
25) Isophorone	9.999	82	788698	45.99	ng	#	91
26) 2-Nitrophenol	10.199	139	210293	53.68	ng	#	76
27) 2,4-Dimethylphenol	10.275	122	347446	53.17	ng		92
28) bis(2-Chloroethoxy)met...	10.469	93	476636	40.50	ng		98
29) 2,4-Dichlorophenol	10.763	162	366611	46.55	ng		96
30) 1,2,4-Trichlorobenzene	10.963	180	406000	42.32	ng		100
31) Naphthalene	11.146	128	1137091	42.85	ng		100
32) Benzoic acid	10.463	122	141234	33.76	ng	#	75
33) 4-Chloroaniline	11.246	127	282879	25.08	ng	#	90
34) Hexachlorobutadiene	11.457	225	260468	41.62	ng		99
35) Caprolactam	11.987	113	114813	47.15	ng	#	22
36) 4-Chloro-3-methylphenol	12.387	107	388857	45.74	ng		89
37) 2-Methylnaphthalene	12.734	142	818668	43.11	ng		97
38) 1-Methylnaphthalene	12.951	142	764872	42.23	ng		99
40) 1,2,4,5-Tetrachloroben...	13.116	216	450208	45.26	ng		98
41) Hexachlorocyclopentadiene	13.104	237	428375	85.37	ng		98
43) 2,4,6-Trichlorophenol	13.345	196	281057	45.71	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	307243	47.46	ng		96
46) 1,1'-Biphenyl	13.722	154	1028730	44.10	ng		98
47) 2-Chloronaphthalene	13.769	162	811662	42.40	ng		99
48) 2-Nitroaniline	13.957	65	259512	45.44	ng	#	61
49) Acenaphthylene	14.616	152	1244095	44.26	ng		99
50) Dimethylphthalate	14.322	163	1098028	46.74	ng		99
51) 2,6-Dinitrotoluene	14.440	165	226755	47.04	ng	#	77
52) Acenaphthene	14.951	154	873343m	46.64	ng		
53) 3-Nitroaniline	14.775	138	162173	30.40	ng	#	78
54) 2,4-Dinitrophenol	14.987	184	197197	75.02	ng	#	82
55) Dibenzofuran	15.287	168	1205205	43.32	ng		99
56) 4-Nitrophenol	15.122	139	337595	87.79	ng	#	63
57) 2,4-Dinitrotoluene	15.234	165	312650	48.31	ng	#	77
58) Fluorene	15.934	166	977852	43.90	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.528	232	249329	42.72	ng		98
60) Diethylphthalate	15.675	149	999143	43.44	ng		98
61) 4-Chlorophenyl-phenyle...	15.904	204	519417	42.67	ng		98
62) 4-Nitroaniline	15.934	138	216999	39.01	ng		88
63) Azobenzene	16.198	77	928493	42.75	ng		85
65) 4,6-Dinitro-2-methylph...	16.010	198	160865	47.69	ng	#	82
66) n-Nitrosodiphenylamine	16.122	169	862080	44.91	ng		99
67) 4-Bromophenyl-phenylether	16.798	248	317905	43.33	ng		99
68) Hexachlorobenzene	16.963	284	352686	42.13	ng		96
69) Atrazine	17.051	200	257612	40.88	ng		99
70) Pentachlorophenol	17.304	266	305148	76.19	ng		98
71) Phenanthrene	17.663	178	1508050	42.85	ng		99
72) Anthracene	17.757	178	1546714	45.50	ng		99
73) Carbazole	18.010	167	1382745	43.85	ng		98
74) Di-n-butylphthalate	18.522	149	1672473	45.81	ng		99
75) Fluoranthene	19.598	202	1760886	43.36	ng		99
77) Benzidine	19.751	184	646551	47.69	ng		100
78) Pyrene	19.951	202	1797151	46.07	ng		98
80) Butylbenzylphthalate	20.769	149	730387	50.25	ng		88
81) Benzo(a)anthracene	21.645	228	1656450	43.70	ng		99
82) 3,3'-Dichlorobenzidine	21.551	252	526658	40.28	ng		99
83) Chrysene	21.698	228	1598257	43.89	ng		98
84) Bis(2-ethylhexyl)phtha...	21.516	149	1050962	49.06	ng		99
85) Di-n-octyl phthalate	22.445	149	1792856	50.23	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.692	276	1840860	43.57	ng		98
88) Benzo(b)fluoranthene	23.380	252	1685875	43.98	ng		99
89) Benzo(k)fluoranthene	23.427	252	1587601	41.95	ng		99
90) Benzo(a)pyrene	24.021	252	1486422	41.89	ng		99
91) Dibenzo(a,h)anthracene	26.686	278	1568496	44.53	ng		98
92) Benzo(g,h,i)perylene	27.480	276	1547924	45.41	ng		97

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

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