Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
Data File : BP004058.D
Acq On : 23 Nov 2020 16:48
Operator : CG/JU
Sample : PB133168BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 23 17:37:18 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

Instrument :
BNA_P
ClientSampleId :
PB133168BS

Manual Integrations APPROVED
mohammad
11/25/2020 12:49:38 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.263	152	133088	20.00	ng		0.00
21) Naphthalene-d8	11.098	136	516736	20.00	ng		# 0.00
39) Acenaphthene-d10	14.892	164	319553	20.00	ng		0.00
64) Phenanthrene-d10	17.621	188	670169	20.00	ng		# 0.00
76) Chrysene-d12	21.662	240	620592	20.00	ng		0.00
86) Perylene-d12	24.127	264	592895	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.799	112	865636	108.55	ng		0.00
7) Phenol-d6	7.451	99	1103769	96.42	ng		0.00
23) Nitrobenzene-d5	9.434	82	697713	66.13	ng		0.00
42) 2,4,6-Tribromophenol	16.374	330	398244	99.64	ng		0.00
45) 2-Fluorobiphenyl	13.510	172	1527496	66.83	ng		0.00
79) Terphenyl-d14	20.121	244	2042280	63.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.481	88	103091	29.97	ng	#	62
3) Pyridine	3.916	79	296257	29.36	ng	#	61
4) n-Nitrosodimethylamine	3.822	42	174302	37.52	ng	#	55
6) Aniline	7.569	93	301074	23.16	ng	#	82
8) 2-Chlorophenol	7.840	128	365411	43.16	ng	#	80
9) Benzaldehyde	7.369	77	60478	8.60	ng	#	80
10) Phenol	7.481	94	458919	41.55	ng		84
11) bis(2-Chloroethyl)ether	7.657	93	341392	38.45	ng	#	82
12) 1,3-Dichlorobenzene	8.163	146	392535	37.83	ng	#	94
13) 1,4-Dichlorobenzene	8.298	146	401574	38.39	ng		95
14) 1,2-Dichlorobenzene	8.634	146	384101	38.44	ng		97
15) Benzyl Alcohol	8.504	79	317505	40.05	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.793	45	528839	35.37	ng		83
17) 2-Methylphenol	8.740	107	303053	41.79	ng	#	94
18) Hexachloroethane	9.375	117	145233	39.07	ng		98
19) n-Nitroso-di-n-propyla...	9.069	70	268976	39.31	ng	#	77
20) 3+4-Methylphenols	9.069	107	405482	41.88	ng	#	82
22) Acetophenone	9.087	105	519590	37.46	ng	#	84
24) Nitrobenzene	9.475	77	405738	38.70	ng	#	83
25) Isophorone	9.998	82	729592	40.71	ng	#	91
26) 2-Nitrophenol	10.198	139	195028	47.64	ng	#	74
27) 2,4-Dimethylphenol	10.269	122	307564	45.04	ng		93
28) bis(2-Chloroethoxy)met...	10.469	93	444597	36.15	ng		97
29) 2,4-Dichlorophenol	10.763	162	343243	41.71	ng		95
30) 1,2,4-Trichlorobenzene	10.963	180	377891	37.69	ng		98
31) Naphthalene	11.145	128	1060948	38.26	ng		99
32) Benzoic acid	10.457	122	76493	21.50	ng	#	81
33) 4-Chloroaniline	11.239	127	251924	21.38	ng	#	89
34) Hexachlorobutadiene	11.457	225	240601	36.79	ng		99
35) Caprolactam	11.981	113	107814	42.37	ng	#	19
36) 4-Chloro-3-methylphenol	12.386	107	366098	41.21	ng		91
37) 2-Methylnaphthalene	12.733	142	767613	38.68	ng		97
38) 1-Methylnaphthalene	12.951	142	727097	38.41	ng		99
40) 1,2,4,5-Tetrachloroben...	13.116	216	417496	39.48	ng		99
41) Hexachlorocyclopentadiene	13.104	237	367370	68.85	ng		99
43) 2,4,6-Trichlorophenol	13.351	196	257879	39.44	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.439	196	275108	39.97	ng		97
46) 1,1'-Biphenyl	13.722	154	954742	38.49	ng		98
47) 2-Chloronaphthalene	13.775	162	764963	37.58	ng		99
48) 2-Nitroaniline	13.957	65	248768	40.96	ng	#	59
49) Acenaphthylene	14.610	152	1171680	39.20	ng		100
50) Dimethylphthalate	14.322	163	955299	38.25	ng		99
51) 2,6-Dinitrotoluene	14.439	165	215934	42.13	ng	#	73
52) Acenaphthene	14.957	154	813066m	40.84	ng		
53) 3-Nitroaniline	14.775	138	144859	25.53	ng	#	77
54) 2,4-Dinitrophenol	14.992	184	166337	63.70	ng	#	85
55) Dibenzofuran	15.280	168	1142453	38.62	ng		100
56) 4-Nitrophenol	15.122	139	297820	72.84	ng	#	64
57) 2,4-Dinitrotoluene	15.233	165	298509	43.38	ng	#	77
58) Fluorene	15.927	166	920766	38.87	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.527	232	241903	38.98	ng		96
60) Diethylphthalate	15.675	149	938887	38.39	ng		99
61) 4-Chlorophenyl-phenyle...	15.904	204	492632	38.06	ng		98
62) 4-Nitroaniline	15.933	138	214069	36.20	ng		86
63) Azobenzene	16.198	77	882821	38.23	ng		85
65) 4,6-Dinitro-2-methylph...	16.010	198	149946	42.41	ng		83
66) n-Nitrosodiphenylamine	16.122	169	814050	39.68	ng		98
67) 4-Bromophenyl-phenylether	16.798	248	304154	38.79	ng		98
68) Hexachlorobenzene	16.963	284	339104	37.90	ng		98
69) Atrazine	17.051	200	276039	40.99	ng		99
70) Pentachlorophenol	17.304	266	251251	58.70	ng		99
71) Phenanthrene	17.663	178	1433076	38.10	ng		99
72) Anthracene	17.757	178	1473489	40.56	ng		98
73) Carbazole	18.010	167	1325836	39.34	ng		99
74) Di-n-butylphthalate	18.521	149	1607619	41.21	ng		99
75) Fluoranthene	19.604	202	1708207	39.36	ng		99
77) Benzidine	19.745	184	462771	31.61	ng		99
78) Pyrene	19.951	202	1712098	40.65	ng		99
80) Butylbenzylphthalate	20.768	149	706215	45.00	ng	#	86
81) Benzo(a)anthracene	21.645	228	1610359	39.35	ng		98
82) 3,3'-Dichlorobenzidine	21.551	252	389353	27.58	ng		99
83) Chrysene	21.698	228	1552279	39.48	ng		99
84) Bis(2-ethylhexyl)phtha...	21.515	149	1012842	43.79	ng		99
85) Di-n-octyl phthalate	22.445	149	1740665	45.17	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.692	276	1788639	41.82	ng		98
88) Benzo(b)fluoranthene	23.380	252	1621781	41.80	ng		99
89) Benzo(k)fluoranthene	23.427	252	1539562	40.19	ng		99
90) Benzo(a)pyrene	24.027	252	1458077	40.60	ng		98
91) Dibenzo(a,h)anthracene	26.686	278	1521732	42.68	ng		97
92) Benzo(g,h,i)perylene	27.480	276	1464138	42.43	ng		97

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

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