Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112520\
Data File : BP004097.D
Acq On : 25 Nov 2020 14:54
Operator : CG/JU
Sample : PB133255BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 25 15:26:31 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 :
PB133255BS

Manual Integrations APPROVED
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11/27/2020 11:45:05 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.269	152	131421	20.00	ng		0.00
21) Naphthalene-d8	11.099	136	499456	20.00	ng	#	0.00
39) Acenaphthene-d10	14.893	164	289404	20.00	ng		0.00
64) Phenanthrene-d10	17.628	188	601741	20.00	ng	#	0.00
76) Chrysene-d12	21.663	240	539187	20.00	ng		0.00
86) Perylene-d12	24.133	264	552356	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.805	112	980952	124.58	ng		0.00
7) Phenol-d6	7.458	99	1247407	110.36	ng		0.00
23) Nitrobenzene-d5	9.434	82	780800	76.56	ng		0.00
42) 2,4,6-Tribromophenol	16.381	330	448046	123.78	ng		0.00
45) 2-Fluorobiphenyl	13.516	172	1686129	81.45	ng		0.00
79) Terphenyl-d14	20.122	244	2194165	78.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.487	88	110442	32.51	ng	#	61
3) Pyridine	3.922	79	346655	34.79	ng	#	62
4) n-Nitrosodimethylamine	3.828	42	190202	41.46	ng	#	55
6) Aniline	7.575	93	303005	23.61	ng	#	84
8) 2-Chlorophenol	7.846	128	380695	45.54	ng	#	81
9) Benzaldehyde	7.375	77	30410	3.30	ng	#	79
10) Phenol	7.481	94	473738	43.43	ng		82
11) bis(2-Chloroethyl)ether	7.658	93	366524	41.81	ng	#	80
12) 1,3-Dichlorobenzene	8.163	146	427076	41.68	ng	#	95
13) 1,4-Dichlorobenzene	8.305	146	434779	42.09	ng		96
14) 1,2-Dichlorobenzene	8.634	146	412738	41.83	ng		96
15) Benzyl Alcohol	8.510	79	342569	43.75	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.799	45	561388	38.02	ng		82
17) 2-Methylphenol	8.740	107	315576	44.06	ng	#	93
18) Hexachloroethane	9.375	117	157810	42.99	ng		98
19) n-Nitroso-di-n-propyla...	9.075	70	287269	42.52	ng	#	77
20) 3+4-Methylphenols	9.069	107	421047	44.04	ng	#	89
22) Acetophenone	9.093	105	558864	41.69	ng	#	84
24) Nitrobenzene	9.475	77	430387	42.47	ng	#	82
25) Isophorone	9.999	82	765497	44.19	ng	#	90
26) 2-Nitrophenol	10.204	139	205253	51.87	ng	#	77
27) 2,4-Dimethylphenol	10.275	122	338035	51.21	ng		90
28) bis(2-Chloroethoxy)met...	10.469	93	467475	39.33	ng		97
29) 2,4-Dichlorophenol	10.763	162	354229	44.53	ng		96
30) 1,2,4-Trichlorobenzene	10.969	180	397253	40.99	ng		99
31) Naphthalene	11.152	128	1118652	41.74	ng		100
32) Benzoic acid	10.463	122	108377	27.64	ng	#	70
33) 4-Chloroaniline	11.246	127	235903	20.71	ng	#	90
34) Hexachlorobutadiene	11.457	225	255962	40.50	ng		100
35) Caprolactam	11.993	113	112478	45.73	ng	#	21
36) 4-Chloro-3-methylphenol	12.387	107	373392	43.49	ng		90
37) 2-Methylnaphthalene	12.734	142	792763	41.33	ng		98
38) 1-Methylnaphthalene	12.951	142	733539	40.10	ng		99
40) 1,2,4,5-Tetrachloroben...	13.116	216	435169	45.43	ng		99
41) Hexachlorocyclopentadiene	13.104	237	392046	81.13	ng		99
43) 2,4,6-Trichlorophenol	13.351	196	265223	44.79	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	281393	45.14	ng		97
46) 1,1'-Biphenyl	13.722	154	986111	43.90	ng		98
47) 2-Chloronaphthalene	13.775	162	777122	42.16	ng		100
48) 2-Nitroaniline	13.963	65	240385	43.71	ng	#	64
49) Acenaphthylene	14.616	152	1185611	43.80	ng		100
50) Dimethylphthalate	14.322	163	950910	42.04	ng		99
51) 2,6-Dinitrotoluene	14.440	165	213428	45.98	ng	#	75
52) Acenaphthene	14.957	154	822010m	45.59	ng		
53) 3-Nitroaniline	14.775	138	137117	26.69	ng	#	75
54) 2,4-Dinitrophenol	14.998	184	179092	72.00	ng	#	86
55) Dibenzofuran	15.287	168	1153839	43.07	ng		99
56) 4-Nitrophenol	15.128	139	291882	78.82	ng	#	68
57) 2,4-Dinitrotoluene	15.240	165	297795	47.79	ng	#	79
58) Fluorene	15.934	166	923372	43.04	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.528	232	234003	41.64	ng		95
60) Diethylphthalate	15.675	149	952526	43.00	ng		100
61) 4-Chlorophenyl-phenyle...	15.910	204	488832	41.70	ng		95
62) 4-Nitroaniline	15.940	138	213753	39.91	ng		88
63) Azobenzene	16.204	77	880365	42.10	ng		87
65) 4,6-Dinitro-2-methylph...	16.022	198	155349	47.96	ng		87
66) n-Nitrosodiphenylamine	16.122	169	801171	43.49	ng		98
67) 4-Bromophenyl-phenylether	16.798	248	304922	43.31	ng		98
68) Hexachlorobenzene	16.969	284	335919	41.81	ng		98
69) Atrazine	17.051	200	153262	25.34	ng		99
70) Pentachlorophenol	17.304	266	261349	68.01	ng		99
71) Phenanthrene	17.669	178	1447759	42.87	ng		99
72) Anthracene	17.757	178	1488838	45.65	ng		99
73) Carbazole	18.010	167	1279416	42.28	ng		99
74) Di-n-butylphthalate	18.522	149	1616764	46.15	ng		99
75) Fluoranthene	19.604	202	1686855	43.29	ng		100
77) Benzidine	19.751	184	677441	53.27	ng		99
78) Pyrene	19.951	202	1714708	46.86	ng		99
80) Butylbenzylphthalate	20.769	149	697414	51.15	ng		87
81) Benzo(a)anthracene	21.645	228	1570759	44.18	ng		98
82) 3,3'-Dichlorobenzidine	21.557	252	434580	35.43	ng		99
83) Chrysene	21.704	228	1507256	44.12	ng		98
84) Bis(2-ethylhexyl)phtha...	21.516	149	998252	49.67	ng		99
85) Di-n-octyl phthalate	22.445	149	1733350	51.77	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.704	276	1771200	44.45	ng		98
88) Benzo(b)fluoranthene	23.386	252	1619085	44.79	ng		99
89) Benzo(k)fluoranthene	23.433	252	1486180	41.64	ng		99
90) Benzo(a)pyrene	24.027	252	1419046	42.41	ng		98
91) Dibenzo(a,h)anthracene	26.698	278	1514049	45.58	ng		99
92) Benzo(g,h,i)perylene	27.492	276	1465110	45.57	ng		97

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

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