Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100920\
Data File : BP003590.D
Acq On : 09 Oct 2020 13:07
Operator : CG/JU
Sample : PB132204BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB132204BS

Manual Integrations APPROVED
mohammad
10/12/2020 11:34:48 AM

Quant Time: Oct 09 15:37:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 08 15:55:58 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.475	152	42716	20.00	ng		0.00
21) Naphthalene-d8	10.251	136	161142	20.00	ng		0.00
39) Acenaphthene-d10	14.140	164	99022	20.00	ng		0.00
64) Phenanthrene-d10	16.898	188	219499	20.00	ng		0.00
76) Chrysene-d12	21.010	240	258463	20.00	ng	#	0.00
86) Perylene-d12	23.174	264	286301	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.093	112	337281	137.87	ng		0.00
7) Phenol-d6	6.693	99	399407	122.49	ng		0.00
23) Nitrobenzene-d5	8.628	82	258347	94.19	ng		0.00
42) 2,4,6-Tribromophenol	15.645	330	214128	141.78	ng		0.00
45) 2-Fluorobiphenyl	12.751	172	629628	92.99	ng		0.00
79) Terphenyl-d14	19.486	244	1148897	92.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.981	88	35360	35.17	ng	#	98
3) Pyridine	3.375	79	94757	35.40	ng		95
4) n-Nitrosodimethylamine	3.299	42	40638	50.75	ng	#	69
6) Aniline	6.810	93	140160	37.43	ng		92
8) 2-Chlorophenol	7.052	128	120585	44.26	ng		92
9) Benzaldehyde	6.628	77	32293	17.76	ng		87
10) Phenol	6.716	94	136788	43.92	ng		80
11) bis(2-Chloroethyl)ether	6.910	93	98405	39.87	ng		96
12) 1,3-Dichlorobenzene	7.363	146	133065	40.85	ng	#	93
13) 1,4-Dichlorobenzene	7.510	146	135018	40.97	ng		95
14) 1,2-Dichlorobenzene	7.822	146	128738	40.70	ng		94
15) Benzyl Alcohol	7.734	79	98100	45.27	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.016	45	65331	36.40	ng		82
17) 2-Methylphenol	7.952	107	97182	43.15	ng	#	90
18) Hexachloroethane	8.540	117	50406	41.05	ng		96
19) n-Nitroso-di-n-propyla...	8.287	70	75645	43.30	ng		94
20) 3+4-Methylphenols	8.281	107	128589	42.90	ng	#	83
22) Acetophenone	8.299	105	168637	42.61	ng	#	90
24) Nitrobenzene	8.675	77	124992	45.54	ng	#	85
25) Isophorone	9.199	82	217648	43.30	ng		93
26) 2-Nitrophenol	9.387	139	66191	44.16	ng	#	75
27) 2,4-Dimethylphenol	9.469	122	100148	47.24	ng		88
28) bis(2-Chloroethoxy)met...	9.681	93	127785	38.19	ng		99
29) 2,4-Dichlorophenol	9.940	162	113795	42.96	ng		96
30) 1,2,4-Trichlorobenzene	10.122	180	126660	40.30	ng		98
31) Naphthalene	10.299	128	349754	41.09	ng		99
32) Benzoic acid	9.687	122	36057	28.39	ng	#	76
33) 4-Chloroaniline	10.428	127	114312	31.61	ng	#	91
34) Hexachlorobutadiene	10.593	225	86999	40.55	ng		99
35) Caprolactam	11.204	113	34390	38.90	ng		84
36) 4-Chloro-3-methylphenol	11.593	107	122600	42.93	ng		85
37) 2-Methylnaphthalene	11.928	142	254561	41.28	ng	#	95
38) 1-Methylnaphthalene	12.151	142	240889m	41.14	ng		
40) 1,2,4,5-Tetrachloroben...	12.316	216	145617	44.92	ng		99
41) Hexachlorocyclopentadiene	12.293	237	51403	53.75	ng		96
43) 2,4,6-Trichlorophenol	12.575	196	90199	43.03	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.669	196	95280	44.19	ng	#	94
46) 1,1'-Biphenyl	12.963	154	320375	43.38	ng		99
47) 2-Chloronaphthalene	12.998	162	255569	41.79	ng		96
48) 2-Nitroaniline	13.228	65	73661	47.59	ng	#	72
49) Acenaphthylene	13.857	152	396172	42.40	ng		99
50) Dimethylphthalate	13.604	163	330440	41.79	ng		100
51) 2,6-Dinitrotoluene	13.728	165	73456	43.34	ng	#	69
52) Acenaphthene	14.204	154	237791	41.82	ng		98
53) 3-Nitroaniline	14.069	138	58110	31.64	ng	#	78
54) 2,4-Dinitrophenol	14.310	184	60104	75.40	ng	#	81
55) Dibenzofuran	14.545	168	387440	42.69	ng		94
56) 4-Nitrophenol	14.434	139	78273	69.73	ng	#	51
57) 2,4-Dinitrotoluene	14.539	165	104211	44.33	ng	#	55
58) Fluorene	15.192	166	316035	44.08	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.792	232	87732	43.27	ng		98
60) Diethylphthalate	14.981	149	338774	42.00	ng		99
61) 4-Chlorophenyl-phenyle...	15.192	204	171100	43.72	ng		98
62) 4-Nitroaniline	15.239	138	69332	35.57	ng	#	57
63) Azobenzene	15.486	77	279446	45.45	ng		89
65) 4,6-Dinitro-2-methylph...	15.322	198	53309	46.02	ng		92
66) n-Nitrosodiphenylamine	15.410	169	280446	43.50	ng		99
67) 4-Bromophenyl-phenylether	16.086	248	115396	43.49	ng		95
68) Hexachlorobenzene	16.216	284	138894	44.07	ng		99
69) Atrazine	16.381	200	100049	39.56	ng		99
70) Pentachlorophenol	16.575	266	98842	73.64	ng		100
71) Phenanthrene	16.939	178	500605	41.92	ng		100
72) Anthracene	17.033	178	518554	44.06	ng		100
73) Carbazole	17.310	167	466163	41.70	ng		98
74) Di-n-butylphthalate	17.875	149	581654	40.70	ng	#	98
75) Fluoranthene	18.927	202	641093	42.69	ng		99
77) Benzidine	19.116	184	332045	41.43	ng		98
78) Pyrene	19.280	202	647881	40.19	ng		100
80) Butylbenzylphthalate	20.163	149	277835	37.68	ng		89
81) Benzo(a)anthracene	20.992	228	684656	40.98	ng		99
82) 3,3'-Dichlorobenzidine	20.927	252	232650	36.03	ng		98
83) Chrysene	21.045	228	658925	41.05	ng		100
84) Bis(2-ethylhexyl)phtha...	20.927	149	405445	39.05	ng		99
85) Di-n-octyl phthalate	21.774	149	731237	38.54	ng	#	97
87) Indeno(1,2,3-cd)pyrene	25.374	276	974667	44.91	ng	#	93
88) Benzo(b)fluoranthene	22.527	252	756866	41.86	ng	#	98
89) Benzo(k)fluoranthene	22.568	252	750825	43.33	ng	#	97
90) Benzo(a)pyrene	23.080	252	705173	41.36	ng	#	97
91) Dibenzo(a,h)anthracene	25.368	278	818807	45.73	ng	#	96
92) Benzo(g,h,i)perylene	26.039	276	798700	44.68	ng	#	93

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

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