Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100720\
Data File : BP003562.D
Acq On : 07 Oct 2020 20:33
Operator : CG/JU
Sample : L4272-25MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SC-2-(6.5)MSD

Manual Integrations APPROVED
mohammad
10/8/2020 12:29:57 PM

Quant Time: Oct 08 01:52:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 14:33:14 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.487	152	92064	20.00	ng		#-0.01
21) Naphthalene-d8	10.263	136	363123	20.00	ng		#-0.01
39) Acenaphthene-d10	14.151	164	213199	20.00	ng		0.00
64) Phenanthrene-d10	16.910	188	416089	20.00	ng		0.00
76) Chrysene-d12	21.022	240	351676	20.00	ng		0.00
86) Perylene-d12	23.192	264	363917	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.105	112	380797	72.22	ng		0.00
7) Phenol-d6	6.699	99	540274	76.88	ng		0.00
23) Nitrobenzene-d5	8.646	82	377196	61.03	ng		0.00
42) 2,4,6-Tribromophenol	15.657	330	190792	58.67	ng		0.00
45) 2-Fluorobiphenyl	12.763	172	730233	50.09	ng		-0.01
79) Terphenyl-d14	19.492	244	915186	54.22	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.999	88	72884	33.64	ng		98
3) Pyridine	3.387	79	193397	33.52	ng		96
4) n-Nitrosodimethylamine	3.311	42	75585	43.80	ng		78
6) Aniline	6.828	93	220095	27.27	ng	#	90
8) 2-Chlorophenol	7.064	128	254311	43.31	ng		89
9) Benzaldehyde	6.646	77	57342	14.63	ng	#	82
10) Phenol	6.728	94	316695	47.18	ng		86
11) bis(2-Chloroethyl)ether	6.922	93	238164	44.77	ng		94
12) 1,3-Dichlorobenzene	7.381	146	281175	40.05	ng	#	94
13) 1,4-Dichlorobenzene	7.522	146	284648	40.08	ng	#	95
14) 1,2-Dichlorobenzene	7.840	146	272237	39.93	ng		95
15) Benzyl Alcohol	7.746	79	232404	49.76	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.028	45	177047	45.77	ng		87
17) 2-Methylphenol	7.963	107	215076	44.31	ng	#	93
18) Hexachloroethane	8.552	117	111103	41.98	ng		95
19) n-Nitroso-di-n-propyla...	8.305	70	176133	46.78	ng	#	94
20) 3+4-Methylphenols	8.293	107	282973	43.81	ng	#	86
22) Acetophenone	8.311	105	376352	42.20	ng	#	91
24) Nitrobenzene	8.687	77	286929	46.39	ng	#	84
25) Isophorone	9.210	82	511407	45.15	ng	#	91
26) 2-Nitrophenol	9.399	139	139245	41.22	ng	#	76
27) 2,4-Dimethylphenol	9.481	122	229365	48.01	ng		89
28) bis(2-Chloroethoxy)met...	9.693	93	314457	41.71	ng		98
29) 2,4-Dichlorophenol	9.952	162	235132	39.39	ng		95
30) 1,2,4-Trichlorobenzene	10.140	180	260050	36.72	ng		99
31) Naphthalene	10.316	128	768941	40.09	ng		99
32) Benzoic acid	9.693	122	40484	18.74	ng	#	83
33) 4-Chloroaniline	10.452	127	89548	10.99	ng	#	91
34) Hexachlorobutadiene	10.605	225	170719	35.31	ng		99
35) Caprolactam	11.222	113	70645	35.46	ng		80
36) 4-Chloro-3-methylphenol	11.604	107	260740	40.51	ng		85
37) 2-Methylnaphthalene	11.940	142	539109	38.79	ng	#	95
38) 1-Methylnaphthalene	12.163	142	499937m	37.89	ng		
40) 1,2,4,5-Tetrachloroben...	12.328	216	286270	41.01	ng	#	98
41) Hexachlorocyclopentadiene	12.304	237	171522	72.01	ng		99
43) 2,4,6-Trichlorophenol	12.587	196	167093	37.03	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.675	196	176142	37.94	ng	#	93
46) 1,1'-Biphenyl	12.975	154	670845	42.19	ng		98
47) 2-Chloronaphthalene	13.016	162	515765	39.17	ng		95
48) 2-Nitroaniline	13.234	65	151977	45.61	ng	#	67
49) Acenaphthylene	13.869	152	794306	39.48	ng		100
50) Dimethylphthalate	13.622	163	717037	42.12	ng		99
51) 2,6-Dinitrotoluene	13.740	165	140640	38.54	ng	#	68
52) Acenaphthene	14.216	154	482310	39.39	ng		99
53) 3-Nitroaniline	14.081	138	61908	15.65	ng	#	72
54) 2,4-Dinitrophenol	14.322	184	71224	44.76	ng	#	81
55) Dibenzofuran	14.557	168	752340	38.50	ng		94
56) 4-Nitrophenol	14.440	139	140372	58.08	ng	#	59
57) 2,4-Dinitrotoluene	14.551	165	185735	36.70	ng	#	54
58) Fluorene	15.210	166	596811	38.67	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.804	232	148451	34.01	ng		97
60) Diethylphthalate	14.993	149	644612	37.12	ng		98
61) 4-Chlorophenyl-phenyle...	15.204	204	312552	37.09	ng		96
62) 4-Nitroaniline	15.251	138	117189	27.92	ng	#	64
63) Azobenzene	15.498	77	598099	45.18	ng		89
65) 4,6-Dinitro-2-methylph...	15.334	198	73344	33.40	ng		87
66) n-Nitrosodiphenylamine	15.422	169	524719	42.93	ng		100
67) 4-Bromophenyl-phenylether	16.098	248	200336	39.83	ng	#	93
68) Hexachlorobenzene	16.228	284	227886	38.14	ng		94
69) Atrazine	16.387	200	140483	29.30	ng		100
70) Pentachlorophenol	16.587	266	119863	49.55	ng		99
71) Phenanthrene	16.951	178	898501	39.69	ng		99
72) Anthracene	17.045	178	922008	41.32	ng		100
73) Carbazole	17.322	167	803650	37.92	ng		98
74) Di-n-butylphthalate	17.886	149	1016635	37.53	ng	#	98
75) Fluoranthene	18.939	202	1005032	35.31	ng		99
77) Benzidine	19.128	184	294516	27.01	ng		100
78) Pyrene	19.292	202	1014816	46.27	ng		100
80) Butylbenzylphthalate	20.175	149	417725	41.63	ng	#	86
81) Benzo(a)anthracene	21.004	228	896038	39.41	ng		100
82) 3,3'-Dichlorobenzidine	20.939	252	199743	22.73	ng		99
83) Chrysene	21.057	228	869227	39.80	ng		100
84) Bis(2-ethylhexyl)phtha...	20.939	149	592735	41.96	ng		98
85) Di-n-octyl phthalate	21.786	149	973499	37.71	ng	#	97
87) Indeno(1,2,3-cd)pyrene	25.392	276	1221847	44.30	ng		98
88) Benzo(b)fluoranthene	22.539	252	907878	39.51	ng		99
89) Benzo(k)fluoranthene	22.580	252	910050	41.32	ng		99
90) Benzo(a)pyrene	23.098	252	848918	39.18	ng		98
91) Dibenzo(a,h)anthracene	25.392	278	1023780	44.98	ng		97
92) Benzo(g,h,i)perylene	26.057	276	1056639	46.50	ng		97

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

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