Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100720\
Data File : BP003563.D
Acq On : 07 Oct 2020 21:07
Operator : CG/JU
Sample : L4260-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PAV-B21-100220-10-18.5MS

Quant Time: Oct 08 01:53:24 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	85187	20.00	ng		-0.01
21) Naphthalene-d8	10.263	136	332197	20.00	ng		#-0.01
39) Acenaphthene-d10	14.151	164	186789	20.00	ng		0.00
64) Phenanthrene-d10	16.910	188	345710	20.00	ng		0.00
76) Chrysene-d12	21.016	240	277990	20.00	ng		-0.01
86) Perylene-d12	23.186	264	337830	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.105	112	457496	93.78	ng		0.00
7) Phenol-d6	6.699	99	591816	91.01	ng		0.00
23) Nitrobenzene-d5	8.646	82	441778	78.13	ng		0.00
42) 2,4,6-Tribromophenol	15.657	330	215557	75.66	ng		0.00
45) 2-Fluorobiphenyl	12.763	172	823215	64.46	ng		-0.01
79) Terphenyl-d14	19.492	244	784083	58.77	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.999	88	60607	30.23	ng		98
3) Pyridine	3.387	79	161934	30.34	ng		95
4) n-Nitrosodimethylamine	3.311	42	62483	39.13	ng		76
6) Aniline	6.828	93	157306	21.07	ng	#	89
8) 2-Chlorophenol	7.063	128	210026	38.65	ng		89
9) Benzaldehyde	6.646	77	52387	14.45	ng		84
10) Phenol	6.728	94	259518	41.78	ng		86
11) bis(2-Chloroethyl)ether	6.922	93	197190	40.06	ng		96
12) 1,3-Dichlorobenzene	7.381	146	232353	35.77	ng	#	94
13) 1,4-Dichlorobenzene	7.522	146	235233	35.80	ng	#	95
14) 1,2-Dichlorobenzene	7.840	146	225246	35.71	ng		95
15) Benzyl Alcohol	7.746	79	189560	43.87	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.028	45	143001	39.96	ng		89
17) 2-Methylphenol	7.963	107	175727	39.13	ng	#	93
18) Hexachloroethane	8.552	117	92355	37.72	ng		96
19) n-Nitroso-di-n-propyla...	8.299	70	146141	41.95	ng	#	93
20) 3+4-Methylphenols	8.293	107	230812	38.62	ng	#	87
22) Acetophenone	8.310	105	312606	38.32	ng	#	91
24) Nitrobenzene	8.687	77	237652	42.00	ng	#	83
25) Isophorone	9.210	82	414840	40.03	ng	#	91
26) 2-Nitrophenol	9.399	139	112698	36.47	ng	#	76
27) 2,4-Dimethylphenol	9.481	122	187968	43.01	ng		89
28) bis(2-Chloroethoxy)met...	9.693	93	257644	37.35	ng		97
29) 2,4-Dichlorophenol	9.952	162	190451	34.88	ng		93
30) 1,2,4-Trichlorobenzene	10.140	180	213523	32.96	ng		99
31) Naphthalene	10.316	128	636630	36.28	ng		100
32) Benzoic acid	9.693	122	30391	17.02	ng	#	83
33) 4-Chloroaniline	10.457	127	65869	8.84	ng	#	90
34) Hexachlorobutadiene	10.604	225	142285	32.17	ng		98
35) Caprolactam	11.216	113	54716	30.02	ng		84
36) 4-Chloro-3-methylphenol	11.604	107	205846	34.96	ng		85
37) 2-Methylnaphthalene	11.940	142	441494	34.73	ng	#	96
38) 1-Methylnaphthalene	12.163	142	406185	33.65	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.328	216	234009	38.26	ng		98
41) Hexachlorocyclopentadiene	12.304	237	97105	53.80	ng		99
43) 2,4,6-Trichlorophenol	12.587	196	133457	33.75	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.681	196	139775	34.36	ng	#	93
46) 1,1'-Biphenyl	12.975	154	543578	39.02	ng		97
47) 2-Chloronaphthalene	13.016	162	419341	36.35	ng		96
48) 2-Nitroaniline	13.234	65	118491	40.58	ng	#	66
49) Acenaphthylene	13.869	152	630423	35.77	ng		99
50) Dimethylphthalate	13.616	163	613456	41.13	ng		100
51) 2,6-Dinitrotoluene	13.740	165	109981	34.40	ng	#	69
52) Acenaphthene	14.210	154	388311	36.20	ng		99
53) 3-Nitroaniline	14.081	138	48367	13.96	ng	#	69
54) 2,4-Dinitrophenol	14.322	184	57984	42.11	ng	#	78
55) Dibenzofuran	14.557	168	606568	35.43	ng		94
56) 4-Nitrophenol	14.440	139	106505	50.30	ng	#	52
57) 2,4-Dinitrotoluene	14.551	165	142613	32.16	ng	#	47
58) Fluorene	15.210	166	478951	35.42	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.804	232	113964	29.80	ng		96
60) Diethylphthalate	14.992	149	496029	32.60	ng		98
61) 4-Chlorophenyl-phenyle...	15.204	204	248139	33.61	ng		96
62) 4-Nitroaniline	15.251	138	90202	24.53	ng	#	67
63) Azobenzene	15.498	77	467767	40.33	ng		88
65) 4,6-Dinitro-2-methylph...	15.334	198	57363	31.44	ng		88
66) n-Nitrosodiphenylamine	15.422	169	409468	40.32	ng		100
67) 4-Bromophenyl-phenylether	16.098	248	153770	36.80	ng	#	91
68) Hexachlorobenzene	16.228	284	174189	35.09	ng		96
69) Atrazine	16.387	200	101194	25.40	ng		99
70) Pentachlorophenol	16.586	266	102488	50.79	ng		99
71) Phenanthrene	16.951	178	788186	41.90	ng		99
72) Anthracene	17.045	178	723449	39.03	ng		99
73) Carbazole	17.322	167	597878	33.96	ng		99
74) Di-n-butylphthalate	17.886	149	753643	33.48	ng	#	99
75) Fluoranthene	18.939	202	856990	36.24	ng		99
77) Benzidine	19.128	184	173292	20.10	ng		99
78) Pyrene	19.292	202	841610	48.54	ng		100
80) Butylbenzylphthalate	20.175	149	289510	36.50	ng	#	87
81) Benzo(a)anthracene	21.004	228	689199	38.35	ng		99
82) 3,3'-Dichlorobenzidine	20.939	252	158251	22.79	ng		99
83) Chrysene	21.057	228	654038	37.88	ng		99
84) Bis(2-ethylhexyl)phtha...	20.939	149	403176	36.11	ng		98
85) Di-n-octyl phthalate	21.786	149	668441	32.76	ng	#	97
87) Indeno(1,2,3-cd)pyrene	25.386	276	1089603	42.55	ng		97
88) Benzo(b)fluoranthene	22.539	252	787507	36.91	ng		99
89) Benzo(k)fluoranthene	22.580	252	739549	36.17	ng		99
90) Benzo(a)pyrene	23.092	252	749323	37.25	ng		99
91) Dibenzo(a,h)anthracene	25.386	278	886344	41.95	ng		98
92) Benzo(g,h,i)perylene	26.057	276	950361	45.05	ng		97

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

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