Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101420\
Data File : BP003612.D
Acq On : 14 Oct 2020 15:22
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC080

Quant Time: Oct 14 16:10:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 14 16:03:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.546	152	90532	20.00	ng		0.00
21) Naphthalene-d8	11.393	136	305506	20.00	ng	#	0.00
39) Acenaphthene-d10	15.145	164	205446	20.00	ng		0.00
64) Phenanthrene-d10	17.863	188	454905	20.00	ng		0.00
76) Chrysene-d12	21.880	240	456921	20.00	ng	#	0.00
86) Perylene-d12	24.463	264	450764	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.034	112	814260	154.62	ng		0.00
7) Phenol-d6	7.687	99	1195097	155.80	ng		0.00
23) Nitrobenzene-d5	9.716	82	1165393	176.86	ng		0.00
42) 2,4,6-Tribromophenol	16.622	330	486303	177.54	ng		0.00
45) 2-Fluorobiphenyl	13.781	172	2518867	160.85	ng		0.00
79) Terphenyl-d14	20.333	244	4159677	164.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.693	88	165173	73.22	ng	#	87
3) Pyridine	4.140	79	501646	76.32	ng	#	90
4) n-Nitrosodimethylamine	4.034	42	213579	75.61	ng	#	60
6) Aniline	7.840	93	687940	76.63	ng	#	86
8) 2-Chlorophenol	8.110	128	410404	76.66	ng		82
10) Phenol	7.716	94	568063	76.68	ng		78
11) bis(2-Chloroethyl)ether	7.928	93	444766	74.79	ng		91
12) 1,3-Dichlorobenzene	8.440	146	520397	74.76	ng	#	91
13) 1,4-Dichlorobenzene	8.581	146	520175	74.49	ng	#	93
14) 1,2-Dichlorobenzene	8.916	146	500883	74.78	ng	#	94
15) Benzyl Alcohol	8.775	79	481020	78.07	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	9.075	45	453231	74.43	ng		99
17) 2-Methylphenol	8.987	107	383996	76.51	ng	#	89
18) Hexachloroethane	9.669	117	206863	76.20	ng		98
19) n-Nitroso-di-n-propyla...	9.352	70	380374	74.39	ng	#	86
20) 3+4-Methylphenols	9.322	107	517768	77.49	ng		91
22) Acetophenone	9.363	105	726656	80.56	ng	#	88
24) Nitrobenzene	9.757	77	560850	86.46	ng	#	76
25) Isophorone	10.281	82	995589	80.97	ng	#	88
27) 2,4-Dimethylphenol	10.534	122	340846	84.12	ng	#	84
28) bis(2-Chloroethoxy)met...	10.752	93	610229	80.72	ng		96
29) 2,4-Dichlorophenol	11.034	162	430904	85.20	ng		94
30) 1,2,4-Trichlorobenzene	11.257	180	544368	81.14	ng		99
31) Naphthalene	11.446	128	1330378	81.22	ng		100
33) 4-Chloroaniline	11.522	127	573646	81.11	ng	#	85
34) Hexachlorobutadiene	11.757	225	402429	80.92	ng		99
35) Caprolactam	12.269	113	134059	83.63	ng	#	62
36) 4-Chloro-3-methylphenol	12.622	107	486530	84.28	ng	#	81
37) 2-Methylnaphthalene	13.010	142	984194	80.76	ng	#	94
38) 1-Methylnaphthalene	13.228	142	927448	80.96	ng	#	99
40) 1,2,4,5-Tetrachloroben...	13.381	216	640871	82.28	ng		98
41) Hexachlorocyclopentadiene	13.375	237	380363	87.62	ng		99
43) 2,4,6-Trichlorophenol	13.598	196	381680	88.37	ng		99
44) 2,4,5-Trichlorophenol	13.675	196	394299	86.92	ng	#	94
46) 1,1'-Biphenyl	13.987	154	1278680	80.55	ng		99
47) 2-Chloronaphthalene	14.040	162	1066258	80.68	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Nitroaniline	14.210	65	322296	98.17	ng	#	59
49) Acenaphthylene	14.875	152	1553471	80.69	ng		99
50) Dimethylphthalate	14.575	163	1347014	79.85	ng		99
51) 2,6-Dinitrotoluene	14.687	165	274314	90.29	ng	#	63
52) Acenaphthene	15.210	154	1039066	82.85	ng		91
53) 3-Nitroaniline	15.016	138	274543	89.63	ng	#	59
54) 2,4-Dinitrophenol	15.216	184	123246	111.17	ng	#	1
55) Dibenzofuran	15.540	168	1550731	79.55	ng		98
56) 4-Nitrophenol	15.310	139	202410	92.03	ng	#	40
57) 2,4-Dinitrotoluene	15.469	165	375713	95.61	ng	#	69
58) Fluorene	16.181	166	1265660	80.25	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.763	232	369366	88.54	ng		93
60) Diethylphthalate	15.916	149	1317710	79.47	ng		98
61) 4-Chlorophenyl-phenyle...	16.157	204	753239	80.62	ng		95
62) 4-Nitroaniline	16.175	138	307623	90.26	ng	#	63
63) Azobenzene	16.445	77	1251383	78.44	ng		85
65) 4,6-Dinitro-2-methylph...	16.239	198	175444	106.49	ng		92
66) n-Nitrosodiphenylamine	16.363	169	1092693	80.42	ng		97
67) 4-Bromophenyl-phenylether	17.045	248	486346	81.44	ng		97
68) Hexachlorobenzene	17.210	284	551265	80.83	ng		96
69) Atrazine	17.286	200	411231	77.65	ng		96
70) Pentachlorophenol	17.528	266	283097	95.57	ng		99
71) Phenanthrene	17.910	178	2027755	80.23	ng		100
72) Anthracene	17.998	178	1966152	79.76	ng		99
73) Carbazole	18.239	167	1773094	79.65	ng		99
74) Di-n-butylphthalate	18.745	149	2203145	81.25	ng	#	98
75) Fluoranthene	19.822	202	2491763	79.65	ng		99
77) Benzidine	19.957	184	673428	60.76	ng		100
78) Pyrene	20.169	202	2527789	83.24	ng		99
80) Butylbenzylphthalate	20.969	149	955247	90.05	ng	#	78
81) Benzo(a)anthracene	21.863	228	2500942	81.39	ng		99
82) 3,3'-Dichlorobenzidine	21.769	252	876474	80.69	ng	#	99
83) Chrysene	21.922	228	2345850	80.71	ng		99
84) Bis(2-ethylhexyl)phtha...	21.722	149	1384442	86.01	ng		99
85) Di-n-octyl phthalate	22.692	149	2278922	87.68	ng	#	92
87) Indeno(1,2,3-cd)pyrene	27.180	276	2837538	82.95	ng	#	92
88) Benzo(b)fluoranthene	23.674	252	2508392	80.08	ng	#	98
89) Benzo(k)fluoranthene	23.727	252	2445157	83.14	ng	#	97
90) Benzo(a)pyrene	24.351	252	2318585	82.19	ng	#	97
91) Dibenzo(a,h)anthracene	27.180	278	2379230	83.39	ng	#	94
92) Benzo(g,h,i)perylene	28.015	276	2202123	81.77	ng	#	92

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

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