Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101420\
Data File : BP003606.D
Acq On : 14 Oct 2020 11:58
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC005

Quant Time: Oct 14 16:55:38 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 16:55:29 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.546	152	76937	20.00	ng	#	0.00
21) Naphthalene-d8	11.398	136	293450	20.00	ng	#	0.00
39) Acenaphthene-d10	15.157	164	204949	20.00	ng		0.00
64) Phenanthrene-d10	17.875	188	468034	20.00	ng		0.01
76) Chrysene-d12	21.886	240	517332	20.00	ng	#	0.00
86) Perylene-d12	24.480	264	507598	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.028	112	45992	10.28	ng		0.00
7) Phenol-d6	7.681	99	65754	10.09	ng		0.00
23) Nitrobenzene-d5	9.710	82	54795	8.66	ng		0.00
42) 2,4,6-Tribromophenol	16.628	330	23724	8.68	ng		0.01
45) 2-Fluorobiphenyl	13.781	172	159889	10.24	ng		0.00
79) Terphenyl-d14	20.339	244	279493	9.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.693	88	10909	5.69	ng	#	91
3) Pyridine	4.134	79	28860	5.17	ng	#	93
4) n-Nitrosodimethylamine	4.028	42	12563	5.23	ng	#	58
6) Aniline	7.834	93	40071	5.25	ng	#	88
8) 2-Chlorophenol	8.104	128	23619	5.19	ng	#	77
9) Benzaldehyde	7.640	77	24186	6.24	ng	#	73
10) Phenol	7.710	94	33280	5.29	ng		86
11) bis(2-Chloroethyl)ether	7.922	93	27795	5.50	ng		90
12) 1,3-Dichlorobenzene	8.440	146	32185	5.44	ng	#	90
13) 1,4-Dichlorobenzene	8.581	146	31489	5.31	ng	#	92
14) 1,2-Dichlorobenzene	8.916	146	30768	5.41	ng	#	94
15) Benzyl Alcohol	8.769	79	26232	5.01	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	9.075	45	27989	5.41	ng		97
17) 2-Methylphenol	8.993	107	22480	5.27	ng	#	88
18) Hexachloroethane	9.675	117	12342	5.35	ng		98
19) n-Nitroso-di-n-propyla...	9.340	70	23867	5.49	ng	#	87
20) 3+4-Methylphenols	9.316	107	29481	5.19	ng		90
22) Acetophenone	9.363	105	44106	5.09	ng	#	87
24) Nitrobenzene	9.757	77	28267	4.54	ng	#	72
25) Isophorone	10.281	82	58982	4.99	ng	#	88
26) 2-Nitrophenol	10.487	139	7509	3.98	ng	#	85
27) 2,4-Dimethylphenol	10.540	122	18680	4.80	ng	#	81
28) bis(2-Chloroethoxy)met...	10.751	93	37796	5.21	ng	#	92
29) 2,4-Dichlorophenol	11.034	162	22810	4.70	ng		94
30) 1,2,4-Trichlorobenzene	11.263	180	33266	5.16	ng		95
31) Naphthalene	11.445	128	79266	5.04	ng		99
33) 4-Chloroaniline	11.528	127	33933	4.99	ng	#	85
34) Hexachlorobutadiene	11.763	225	24610	5.15	ng		99
35) Caprolactam	12.210	113	7212	4.68	ng	#	51
36) 4-Chloro-3-methylphenol	12.622	107	27078	4.88	ng		89
37) 2-Methylnaphthalene	13.016	142	60116	5.14	ng	#	90
38) 1-Methylnaphthalene	13.228	142	56356	5.12	ng	#	100
40) 1,2,4,5-Tetrachloroben...	13.387	216	38417	4.94	ng		99
41) Hexachlorocyclopentadiene	13.381	237	19158	4.42	ng		100
43) 2,4,6-Trichlorophenol	13.604	196	19305	4.48	ng		98
44) 2,4,5-Trichlorophenol	13.675	196	20160	4.45	ng	#	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.992	154	79577	5.03	ng		96
47) 2-Chloronaphthalene	14.039	162	66735	5.06	ng		97
48) 2-Nitroaniline	14.210	65	10917	3.33	ng	#	59
49) Acenaphthylene	14.875	152	95574	4.98	ng		98
50) Dimethylphthalate	14.569	163	86745	5.15	ng		98
51) 2,6-Dinitrotoluene	14.681	165	11462	3.78	ng	#	60
52) Acenaphthene	15.216	154	61820	4.94	ng		94
53) 3-Nitroaniline	15.010	138	11863	3.88	ng	#	67
55) Dibenzofuran	15.539	168	100307	5.16	ng		97
56) 4-Nitrophenol	15.310	139	8648	3.94	ng	#	48
57) 2,4-Dinitrotoluene	15.469	165	13037	3.33	ng	#	61
58) Fluorene	16.186	166	79742	5.07	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.769	232	17203	4.13	ng	#	94
60) Diethylphthalate	15.916	149	84882	5.13	ng		99
61) 4-Chlorophenyl-phenyle...	16.163	204	47783	5.13	ng		92
62) 4-Nitroaniline	16.163	138	13153	3.87	ng	#	50
63) Azobenzene	16.451	77	83902	5.27	ng		85
66) n-Nitrosodiphenylamine	16.369	169	70958	5.08	ng		98
67) 4-Bromophenyl-phenylether	17.051	248	30847	5.02	ng		98
68) Hexachlorobenzene	17.216	284	36172	5.16	ng		94
69) Atrazine	17.286	200	27986	5.14	ng		98
71) Phenanthrene	17.916	178	131509	5.06	ng		99
72) Anthracene	18.004	178	128542	5.07	ng		98
73) Carbazole	18.245	167	118236	5.16	ng		96
74) Di-n-butylphthalate	18.751	149	137450	4.93	ng	#	97
75) Fluoranthene	19.827	202	163727	5.09	ng		97
78) Pyrene	20.174	202	167796	4.88	ng		99
80) Butylbenzylphthalate	20.980	149	49278	4.10	ng	#	80
81) Benzo(a)anthracene	21.868	228	176065	5.06	ng		97
82) 3,3'-Dichlorobenzidine	21.774	252	59208	4.81	ng		99
83) Chrysene	21.927	228	169595	5.15	ng		97
84) Bis(2-ethylhexyl)phtha...	21.733	149	83746	4.60	ng		99
85) Di-n-octyl phthalate	22.704	149	129356	4.40	ng	#	90
87) Indeno(1,2,3-cd)pyrene	27.180	276	188106	4.88	ng	#	92
88) Benzo(b)fluoranthene	23.680	252	179188	5.08	ng	#	97
89) Benzo(k)fluoranthene	23.733	252	164112	4.96	ng	#	98
90) Benzo(a)pyrene	24.362	252	156585	4.93	ng	#	96
91) Dibenzo(a,h)anthracene	27.174	278	155433	4.84	ng	#	92
92) Benzo(g,h,i)perylene	28.015	276	148460	4.90	ng	#	93

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

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