Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
Data File : BF122033.D
Acq On : 20 Oct 2020 17:06
Operator : JU/CG
Sample : L4435-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
5412MSD

Manual Integrations APPROVED
mohammad
10/21/2020 12:50:09 PM

Quant Time: Oct 20 17:42:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	103872	20.00	ng		-0.02
21) Naphthalene-d8	8.016	136	412787	20.00	ng		-0.01
39) Acenaphthene-d10	9.769	164	217924	20.00	ng		-0.01
64) Phenanthrene-d10	11.257	188	389478	20.00	ng		0.00
76) Chrysene-d12	13.898	240	255038	20.00	ng		-0.01
86) Perylene-d12	15.327	264	243529	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	711199	101.05	ng		0.00
7) Phenol-d6	6.381	99	809082	89.31	ng		-0.01
23) Nitrobenzene-d5	7.304	82	671864	83.47	ng		-0.01
42) 2,4,6-Tribromophenol	10.563	330	299712	111.18	ng		-0.01
45) 2-Fluorobiphenyl	9.092	172	1169450	78.96	ng		-0.01
79) Terphenyl-d14	12.839	244	1164199	86.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.551	88	108992	35.21	ng	#	83
3) Pyridine	3.269	79	259347	31.87	ng		98
4) n-Nitrosodimethylamine	3.175	42	158177	40.21	ng		95
6) Aniline	6.398	93	161757	14.50	ng	#	1
8) 2-Chlorophenol	6.522	128	313855	44.12	ng		97
9) Benzaldehyde	6.286	77	105313	17.22	ng		96
10) Phenol	6.392	94	345640	36.97	ng		90
11) bis(2-Chloroethyl)ether	6.469	93	319181	44.16	ng		98
12) 1,3-Dichlorobenzene	6.669	146	321781	40.22	ng		99
13) 1,4-Dichlorobenzene	6.745	146	330011	41.08	ng		99
14) 1,2-Dichlorobenzene	6.898	146	308084	41.95	ng		99
15) Benzyl Alcohol	6.886	79	283430	48.37	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.010	45	469968	42.25	ng		65
17) 2-Methylphenol	7.004	107	249639	41.05	ng	#	88
18) Hexachloroethane	7.233	117	121679	41.93	ng		99
19) n-Nitroso-di-n-propyla...	7.151	70	237196	45.98	ng		99
20) 3+4-Methylphenols	7.157	107	323587	44.12	ng	#	73
22) Acetophenone	7.145	105	442515	41.66	ng	#	90
24) Nitrobenzene	7.322	77	359362	41.77	ng		99
25) Isophorone	7.557	82	639594	42.03	ng		98
26) 2-Nitrophenol	7.633	139	168569	42.55	ng		90
27) 2,4-Dimethylphenol	7.681	122	280933	41.60	ng		99
28) bis(2-Chloroethoxy)met...	7.769	93	405718	42.61	ng		100
29) 2,4-Dichlorophenol	7.886	162	269485	42.61	ng		97
30) 1,2,4-Trichlorobenzene	7.957	180	271917	40.43	ng		99
31) Naphthalene	8.033	128	898151	40.62	ng		99
32) Benzoic acid	7.839	122	157107	41.87	ng		98
33) 4-Chloroaniline	8.092	127	101448	10.77	ng		96
34) Hexachlorobutadiene	8.151	225	163515	41.01	ng		97
35) Caprolactam	8.475	113	61584m	30.66	ng		
36) 4-Chloro-3-methylphenol	8.592	107	293742	43.24	ng		97
37) 2-Methylnaphthalene	8.727	142	600157	41.90	ng		99
38) 1-Methylnaphthalene	8.827	142	554009	41.77	ng		98
40) 1,2,4,5-Tetrachloroben...	8.892	216	284359	40.43	ng		99
41) Hexachlorocyclopentadiene	8.875	237	124153	63.43	ng		99
43) 2,4,6-Trichlorophenol	9.016	196	190907	43.99	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	198137	42.28	ng		99
46) 1,1'-Biphenyl	9.192	154	730892	41.25	ng		99
47) 2-Chloronaphthalene	9.216	162	564426	40.96	ng		99
48) 2-Nitroaniline	9.322	65	195254	42.96	ng		95
49) Acenaphthylene	9.633	152	852183	40.27	ng		99
50) Dimethylphthalate	9.498	163	754730	47.36	ng		100
51) 2,6-Dinitrotoluene	9.563	165	150281	42.99	ng		94
52) Acenaphthene	9.804	154	521084	41.39	ng		99
53) 3-Nitroaniline	9.733	138	68528	17.24	ng		98
54) 2,4-Dinitrophenol	9.857	184	131669	74.49	ng		93
55) Dibenzofuran	9.974	168	746378	40.54	ng		97
56) 4-Nitrophenol	9.922	139	145464	67.26	ng	#	79
57) 2,4-Dinitrotoluene	9.974	165	180856	42.03	ng	#	77
58) Fluorene	10.322	166	620139	41.81	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.104	232	163177	45.00	ng		99
60) Diethylphthalate	10.198	149	667985	43.47	ng		99
61) 4-Chlorophenyl-phenyle...	10.310	204	301431	42.38	ng		99
62) 4-Nitroaniline	10.357	138	127412	32.08	ng		98
63) Azobenzene	10.469	77	692470	42.61	ng		99
65) 4,6-Dinitro-2-methylph...	10.386	198	101547	39.75	ng		88
66) n-Nitrosodiphenylamine	10.433	169	580958	43.30	ng		99
67) 4-Bromophenyl-phenylether	10.798	248	198883	44.20	ng		99
68) Hexachlorobenzene	10.869	284	218327	42.87	ng		96
69) Atrazine	10.963	200	143632	43.78	ng		99
70) Pentachlorophenol	11.069	266	175849	87.04	ng		97
71) Phenanthrene	11.280	178	900365	42.16	ng		99
72) Anthracene	11.333	178	930845	42.03	ng		99
73) Carbazole	11.492	167	798017	40.52	ng		100
74) Di-n-butylphthalate	11.816	149	1012410	44.68	ng		100
75) Fluoranthene	12.468	202	916448	40.02	ng		98
77) Benzidine	12.592	184	207097	26.34	ng		100
78) Pyrene	12.698	202	900494	46.33	ng		99
80) Butylbenzylphthalate	13.310	149	371548	48.21	ng		98
81) Benzo(a)anthracene	13.886	228	718538	42.99	ng		99
82) 3,3'-Dichlorobenzidine	13.845	252	121530	19.60	ng		98
83) Chrysene	13.921	228	698534	42.58	ng		99
84) Bis(2-ethylhexyl)phtha...	13.868	149	512459	48.98	ng		99
85) Di-n-octyl phthalate	14.480	149	800167	47.27	ng		99
87) Indeno(1,2,3-cd)pyrene	16.750	276	821477	51.95	ng		99
88) Benzo(b)fluoranthene	14.921	252	688689	41.84	ng		98
89) Benzo(k)fluoranthene	14.951	252	654713	41.87	ng		99
90) Benzo(a)pyrene	15.274	252	612534	43.08	ng		99
91) Dibenzo(a,h)anthracene	16.750	278	678417	52.11	ng		99
92) Benzo(g,h,i)perylene	17.168	276	705361	54.13	ng		98

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

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