Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101221\
Data File : BF125809.D
Acq On : 12 Oct 2021 19:04
Operator : JU/CG
Sample : M4159-20MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T10-COMP-(1-4)MSD

Manual Integrations APPROVED
mohammad
10/14/2021 10:53:25 AM

Quant Time: Oct 13 09:44:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 17:16:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	187736	20.00	ng		0.00
21) Naphthalene-d8	8.122	136	693678	20.00	ng		# 0.00
39) Acenaphthene-d10	9.874	164	316969	20.00	ng		0.00
64) Phenanthrene-d10	11.357	188	522721	20.00	ng		# 0.00
76) Chrysene-d12	13.998	240	425821	20.00	ng		0.00
86) Perylene-d12	15.445	264	365608	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1039679	90.47	ng		0.00
7) Phenol-d6	6.469	99	1225212	82.82	ng		0.00
23) Nitrobenzene-d5	7.404	82	741094	66.41	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	284415	90.88	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	1400004	76.18	ng		0.00
79) Terphenyl-d14	12.939	244	1438304	51.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	208534	42.62	ng	#	100
3) Pyridine	3.381	79	438007	34.60	ng	#	72
4) n-Nitrosodimethylamine	3.328	42	205572	45.11	ng	#	1
6) Aniline	6.504	93	452562	26.57	ng		94
8) 2-Chlorophenol	6.628	128	514386	40.87	ng		98
9) Benzaldehyde	6.392	77	299563	37.31	ng		95
10) Phenol	6.481	94	602939	41.91	ng		90
11) bis(2-Chloroethyl)ether	6.575	93	497986	42.72	ng		97
12) 1,3-Dichlorobenzene	6.786	146	579202	42.18	ng		96
13) 1,4-Dichlorobenzene	6.863	146	590033	42.14	ng		98
14) 1,2-Dichlorobenzene	7.016	146	551893	42.08	ng		98
15) Benzyl Alcohol	6.981	79	377945	38.55	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.116	45	616877	41.38	ng		89
17) 2-Methylphenol	7.092	107	377288	37.65	ng		97
18) Hexachloroethane	7.357	117	202682	42.03	ng		92
19) n-Nitroso-di-n-propyla...	7.251	70	315230	40.36	ng	#	68
20) 3+4-Methylphenols	7.245	107	455256	36.84	ng	#	82
22) Acetophenone	7.251	105	656181	43.03	ng	#	91
24) Nitrobenzene	7.422	77	470734	43.53	ng		98
25) Isophorone	7.663	82	843201	42.65	ng		95
26) 2-Nitrophenol	7.739	139	256803	46.96	ng	#	94
27) 2,4-Dimethylphenol	7.775	122	412115	45.25	ng		98
28) bis(2-Chloroethoxy)met...	7.869	93	546499	39.82	ng		98
29) 2,4-Dichlorophenol	7.980	162	371186	37.83	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	441834	41.07	ng		97
31) Naphthalene	8.145	128	1430681	42.66	ng		98
32) Benzoic acid	7.875	122	269308	42.05	ng		99
33) 4-Chloroaniline	8.192	127	192861	13.74	ng		96
34) Hexachlorobutadiene	8.269	225	249159	41.46	ng		99
35) Caprolactam	8.545	113	119534m	42.17	ng		
36) 4-Chloro-3-methylphenol	8.669	107	353998	36.93	ng		97
37) 2-Methylnaphthalene	8.839	142	922856	42.49	ng		99
38) 1-Methylnaphthalene	8.933	142	841594	39.93	ng		97
40) 1,2,4,5-Tetrachloroben...	9.004	216	377552	44.38	ng		98
41) Hexachlorocyclopentadiene	8.992	237	387110	92.72	ng		98
43) 2,4,6-Trichlorophenol	9.110	196	252890	41.02	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	267007	40.73	ng	#	89
46) 1,1'-Biphenyl	9.298	154	1002011	43.00	ng		98
47) 2-Chloronaphthalene	9.322	162	829593	43.84	ng		97
48) 2-Nitroaniline	9.416	65	197244	43.42	ng		87
49) Acenaphthylene	9.739	152	1205612	43.51	ng		98
50) Dimethylphthalate	9.598	163	876708	42.02	ng		98
51) 2,6-Dinitrotoluene	9.657	165	190804	45.24	ng	#	88
52) Acenaphthene	9.910	154	790987	45.69	ng		98
53) 3-Nitroaniline	9.822	138	164491	32.98	ng		91
54) 2,4-Dinitrophenol	9.927	184	156290	87.30	ng	#	73
55) Dibenzofuran	10.080	168	1068749	41.21	ng		95
56) 4-Nitrophenol	9.980	139	348706	93.80	ng	#	86
57) 2,4-Dinitrotoluene	10.057	165	250150	46.91	ng	#	82
58) Fluorene	10.421	166	816772	43.00	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.198	232	200413	40.50	ng	#	88
60) Diethylphthalate	10.298	149	831771	41.78	ng		98
61) 4-Chlorophenyl-phenyle...	10.416	204	371305	40.58	ng		88
62) 4-Nitroaniline	10.433	138	193745	42.04	ng	#	74
63) Azobenzene	10.574	77	757306	40.47	ng		85
65) 4,6-Dinitro-2-methylph...	10.463	198	102808	39.43	ng	#	74
66) n-Nitrosodiphenylamine	10.533	169	701356	39.33	ng		96
67) 4-Bromophenyl-phenylether	10.904	248	225500	38.95	ng		98
68) Hexachlorobenzene	10.974	284	268839	40.98	ng	#	79
69) Atrazine	11.057	200	224855	43.45	ng		94
70) Pentachlorophenol	11.163	266	305909	87.23	ng		95
71) Phenanthrene	11.386	178	1203922	43.05	ng		98
72) Anthracene	11.433	178	1227374	43.94	ng		99
73) Carbazole	11.586	167	1152415	44.33	ng		99
74) Di-n-butylphthalate	11.921	149	1311719	45.70	ng		99
75) Fluoranthene	12.568	202	1316121	52.15	ng		96
77) Benzidine	12.686	184	238432	15.30	ng		98
78) Pyrene	12.798	202	1377640	31.85	ng		97
80) Butylbenzylphthalate	13.415	149	599874	43.26	ng		96
81) Benzo(a)anthracene	13.986	228	1140164	41.27	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	272829	31.26	ng		99
83) Chrysene	14.021	228	1173929	42.99	ng		98
84) Bis(2-ethylhexyl)phtha...	13.980	149	776161	51.44	ng		98
85) Di-n-octyl phthalate	14.586	149	1424831	56.68	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.898	276	871968	31.25	ng		98
88) Benzo(b)fluoranthene	15.027	252	1062798	51.49	ng		98
89) Benzo(k)fluoranthene	15.056	252	1029647	48.59	ng		97
90) Benzo(a)pyrene	15.386	252	964395	52.76	ng		98
91) Dibenzo(a,h)anthracene	16.915	278	720891	31.32	ng		98
92) Benzo(g,h,i)perylene	17.333	276	712893	30.33	ng		93

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

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