Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012921\
Data File : BF123083.D
Acq On : 29 Jan 2021 15:38
Operator : JU/CG
Sample : M1270-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RS-SP1MSD

Manual Integrations APPROVED
mohammad
2/1/2021 11:49:43 AM

Quant Time: Jan 29 22:35:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	254627	20.00	ng		0.00
21) Naphthalene-d8	8.180	136	998273	20.00	ng		0.00
39) Acenaphthene-d10	9.939	164	524125	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	937373	20.00	ng		0.00
76) Chrysene-d12	14.086	240	760496	20.00	ng		0.00
86) Perylene-d12	15.568	264	663223	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1695708	102.73	ng		0.01
7) Phenol-d6	6.522	99	2167321	96.87	ng		0.00
23) Nitrobenzene-d5	7.457	82	1386510	69.90	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	649932	114.23	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2433955	69.03	ng		0.00
79) Terphenyl-d14	13.021	244	2631783	67.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	302376	36.82	ng		95
3) Pyridine	3.493	79	865642	39.41	ng		95
4) n-Nitrosodimethylamine	3.445	42	410076	44.37	ng		94
6) Aniline	6.557	93	819872	29.77	ng		99
8) 2-Chlorophenol	6.681	128	872053	48.74	ng		99
9) Benzaldehyde	6.439	77	470118	45.96	ng		97
10) Phenol	6.534	94	1093575	49.28	ng		90
11) bis(2-Chloroethyl)ether	6.628	93	819392	44.37	ng		96
12) 1,3-Dichlorobenzene	6.833	146	900749	43.17	ng		97
13) 1,4-Dichlorobenzene	6.910	146	911612	41.95	ng		97
14) 1,2-Dichlorobenzene	7.063	146	876487	43.11	ng		98
15) Benzyl Alcohol	7.033	79	729185	46.49	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1196577	42.02	ng		98
17) 2-Methylphenol	7.145	107	703555	46.21	ng		99
18) Hexachloroethane	7.410	117	337309	44.31	ng		95
19) n-Nitroso-di-n-propyla...	7.310	70	582823	43.32	ng		95
20) 3+4-Methylphenols	7.298	107	827486	46.14	ng		92
22) Acetophenone	7.304	105	1093454	42.04	ng	#	99
24) Nitrobenzene	7.475	77	917162	44.88	ng		96
25) Isophorone	7.716	82	1653707	45.51	ng		100
26) 2-Nitrophenol	7.792	139	453409	53.65	ng		98
27) 2,4-Dimethylphenol	7.828	122	791636	51.91	ng		98
28) bis(2-Chloroethoxy)met...	7.928	93	1047386	42.25	ng		99
29) 2,4-Dichlorophenol	8.033	162	733618	46.00	ng		97
30) 1,2,4-Trichlorobenzene	8.122	180	766712	42.68	ng		98
31) Naphthalene	8.204	128	2363100	43.16	ng		99
32) Benzoic acid	7.957	122	588051	47.89	ng		98
33) 4-Chloroaniline	8.245	127	389246	16.02	ng		99
34) Hexachlorobutadiene	8.322	225	441613	42.55	ng		100
35) Caprolactam	8.622	113	255867m	47.48	ng		
36) 4-Chloro-3-methylphenol	8.727	107	790989	47.70	ng		97
37) 2-Methylnaphthalene	8.892	142	1608899	44.26	ng		99
38) 1-Methylnaphthalene	8.992	142	1503334	43.68	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	716998	43.97	ng		99
41) Hexachlorocyclopentadiene	9.051	237	807716	104.36	ng		96
43) 2,4,6-Trichlorophenol	9.169	196	545352	48.79	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	564225	48.27	ng	99
46) 1,1'-Biphenyl	9.357	154	1896656	44.12	ng	99
47) 2-Chloronaphthalene	9.386	162	1509487	41.94	ng	98
48) 2-Nitroaniline	9.475	65	503417	46.15	ng	86
49) Acenaphthylene	9.804	152	2330430	44.24	ng	99
50) Dimethylphthalate	9.663	163	1922247	46.75	ng	99
51) 2,6-Dinitrotoluene	9.722	165	427549	48.81	ng	94
52) Acenaphthene	9.974	154	1622486	47.96	ng	99
53) 3-Nitroaniline	9.886	138	250337	24.17	ng	92
54) 2,4-Dinitrophenol	9.998	184	397743	97.64	ng	93
55) Dibenzofuran	10.151	168	2095963	42.57	ng	98
56) 4-Nitrophenol	10.051	139	738843	98.68	ng	85
57) 2,4-Dinitrotoluene	10.127	165	571283	50.15	ng	98
58) Fluorene	10.492	166	1577011	40.10	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	479709	48.39	ng	97
60) Diethylphthalate	10.363	149	1778814	43.99	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	764283	41.36	ng	99
62) 4-Nitroaniline	10.510	138	407373	39.14	ng	98
63) Azobenzene	10.645	77	1694105	42.82	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	288070	54.88	ng	90
66) n-Nitrosodiphenylamine	10.604	169	1475430	43.67	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	525613	44.03	ng	97
68) Hexachlorobenzene	11.045	284	567125	44.29	ng	96
69) Atrazine	11.133	200	432944	46.40	ng	99
70) Pentachlorophenol	11.233	266	674734	97.23	ng	98
71) Phenanthrene	11.457	178	2391736	41.08	ng	99
72) Anthracene	11.510	178	2451415	43.89	ng	98
73) Carbazole	11.663	167	2214958	42.74	ng	99
74) Di-n-butylphthalate	11.998	149	2628408	42.77	ng	100
75) Fluoranthene	12.651	202	2535937	43.58	ng	99
77) Benzidine	12.768	184	984780	57.22	ng	99
78) Pyrene	12.880	202	2546187	44.35	ng	99
80) Butylbenzylphthalate	13.498	149	1195003	48.37	ng	97
81) Benzo(a)anthracene	14.074	228	2249035	43.70	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	562380	34.72	ng	99
83) Chrysene	14.115	228	2274244	44.15	ng	98
84) Bis(2-ethylhexyl)phtha...	14.062	149	1564770	47.67	ng	98
85) Di-n-octyl phthalate	14.680	149	2770005	50.25	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	2126040	48.14	ng	97
88) Benzo(b)fluoranthene	15.139	252	2259164	47.19	ng	99
89) Benzo(k)fluoranthene	15.168	252	2012353	45.24	ng	99
90) Benzo(a)pyrene	15.509	252	1908692	45.40	ng	98
91) Dibenzo(a,h)anthracene	17.098	278	1745527	48.02	ng	98
92) Benzo(g,h,i)perylene	17.533	276	1738838	49.36	ng	97

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

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