Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012921\
Data File : BF123079.D
Acq On : 29 Jan 2021 13:33
Operator : JU/CG
Sample : M1179-06MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 29 22:33:36 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

Instrument :
BNA_F
ClientSampleId :
HS-TP3MS

Manual Integrations APPROVED
mohammad
2/1/2021 11:49:33 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	271841	20.00	ng	0.00
21) Naphthalene-d8	8.180	136	1076981	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	580120	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	1066064	20.00	ng	# 0.00
76) Chrysene-d12	14.086	240	883493	20.00	ng	0.00
86) Perylene-d12	15.568	264	783771	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1635631	92.81	ng	0.01
7) Phenol-d6	6.522	99	2107806	88.24	ng	0.00
23) Nitrobenzene-d5	7.457	82	1347459	62.97	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	626881	99.54	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2347213	60.15	ng	0.00
79) Terphenyl-d14	13.021	244	2608825	58.01	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	293018	33.42	ng	95
3) Pyridine	3.493	79	823925	35.14	ng	95
4) n-Nitrosodimethylamine	3.446	42	389426	39.47	ng	94
6) Aniline	6.557	93	476454	16.21	ng	98
8) 2-Chlorophenol	6.681	128	821995	43.03	ng	98
9) Benzaldehyde	6.439	77	524123	47.99	ng	97
10) Phenol	6.534	94	1030544	43.50	ng	89
11) bis(2-Chloroethyl)ether	6.628	93	778787	39.50	ng	98
12) 1,3-Dichlorobenzene	6.834	146	856957	38.47	ng	96
13) 1,4-Dichlorobenzene	6.910	146	857998	36.98	ng	97
14) 1,2-Dichlorobenzene	7.063	146	831442	38.31	ng	98
15) Benzyl Alcohol	7.034	79	674579	40.28	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1130056	37.17	ng	99
17) 2-Methylphenol	7.145	107	696519	42.85	ng	98
18) Hexachloroethane	7.410	117	315937	38.88	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	552854	38.49	ng	96
20) 3+4-Methylphenols	7.298	107	787481	41.13	ng	97
22) Acetophenone	7.304	105	1029878	36.70	ng	99
24) Nitrobenzene	7.475	77	866607	39.31	ng	97
25) Isophorone	7.716	82	1558797	39.77	ng	99
26) 2-Nitrophenol	7.792	139	428042	46.95	ng	97
27) 2,4-Dimethylphenol	7.828	122	715467	43.49	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	986542	36.89	ng	99
29) 2,4-Dichlorophenol	8.033	162	695203	40.41	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	725824	37.45	ng	98
31) Naphthalene	8.204	128	2234889	37.83	ng	99
32) Benzoic acid	7.957	122	522278	40.29	ng	98
33) 4-Chloroaniline	8.245	127	185023	7.06	ng	99
34) Hexachlorobutadiene	8.322	225	415576	37.12	ng	99
35) Caprolactam	8.622	113	241192m	41.48	ng	
36) 4-Chloro-3-methylphenol	8.727	107	754419	42.17	ng	96
37) 2-Methylnaphthalene	8.892	142	1529023	38.99	ng	99
38) 1-Methylnaphthalene	8.992	142	1439671	38.77	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	682894	37.84	ng	99
41) Hexachlorocyclopentadiene	9.051	237	776908	90.69	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	513044	41.47	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	538556	41.63	ng		98
46) 1,1'-Biphenyl	9.357	154	1840652	38.68	ng		99
47) 2-Chloronaphthalene	9.386	162	1460462	36.66	ng		98
48) 2-Nitroaniline	9.475	65	475013	39.35	ng		87
49) Acenaphthylene	9.804	152	2256047	38.70	ng		100
50) Dimethylphthalate	9.663	163	1813283	39.84	ng		99
51) 2,6-Dinitrotoluene	9.722	165	412037	42.50	ng		98
52) Acenaphthene	9.974	154	1549660	41.38	ng		99
53) 3-Nitroaniline	9.886	138	154892	13.51	ng		98
54) 2,4-Dinitrophenol	9.998	184	374241	84.03	ng	#	89
55) Dibenzofuran	10.151	168	2020916	37.09	ng		98
56) 4-Nitrophenol	10.051	139	719178	86.78	ng		87
57) 2,4-Dinitrotoluene	10.127	165	552965	43.86	ng		98
58) Fluorene	10.492	166	1531663	35.18	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	459196	41.85	ng		96
60) Diethylphthalate	10.363	149	1738699	38.85	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	738518	36.11	ng		99
62) 4-Nitroaniline	10.510	138	397802	34.53	ng		95
63) Azobenzene	10.645	77	1654177	37.77	ng		97
65) 4,6-Dinitro-2-methylph...	10.533	198	269785	46.07	ng		89
66) n-Nitrosodiphenylamine	10.604	169	1438721	37.44	ng		100
67) 4-Bromophenyl-phenylether	10.974	248	520083	38.31	ng		95
68) Hexachlorobenzene	11.039	284	550614	37.81	ng		96
69) Atrazine	11.127	200	423183	39.88	ng		100
70) Pentachlorophenol	11.233	266	659084	83.51	ng		99
71) Phenanthrene	11.457	178	2373698	35.85	ng		99
72) Anthracene	11.510	178	2429871	38.26	ng		99
73) Carbazole	11.663	167	2227599	37.79	ng		100
74) Di-n-butylphthalate	11.992	149	2679293	38.33	ng		99
75) Fluoranthene	12.651	202	2537001	38.34	ng		100
77) Benzidine	12.768	184	560047	28.01	ng		98
78) Pyrene	12.880	202	2533346	37.98	ng		99
80) Butylbenzylphthalate	13.498	149	1210181	42.17	ng		97
81) Benzo(a)anthracene	14.074	228	2273395	38.02	ng		100
82) 3,3'-Dichlorobenzidine	14.033	252	466407	24.78	ng		98
83) Chrysene	14.115	228	2282720	38.14	ng		98
84) Bis(2-ethylhexyl)phtha...	14.062	149	1553481	40.74	ng		98
85) Di-n-octyl phthalate	14.680	149	2823016	44.08	ng		99
87) Indeno(1,2,3-cd)pyrene	17.074	276	2124201	40.70	ng		97
88) Benzo(b)fluoranthene	15.133	252	2352864	41.59	ng		99
89) Benzo(k)fluoranthene	15.168	252	2059636	39.18	ng		99
90) Benzo(a)pyrene	15.509	252	1959873	39.45	ng		99
91) Dibenzo(a,h)anthracene	17.098	278	1756388	40.88	ng		99
92) Benzo(g,h,i)perylene	17.533	276	1727438	41.49	ng		98

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

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