Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012821\
Data File : BF123066.D
Acq On : 28 Jan 2021 18:40
Operator : JU/CG
Sample : M1262-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JTY2-WC-S-1-1.0-6.0MSD

Manual Integrations APPROVED
mohammad
1/29/2021 10:33:45 AM

Quant Time: Jan 28 23:41:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 28 00:48:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	280536	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	1093323	20.00	ng		0.00
39) Acenaphthene-d10	9.939	164	588791	20.00	ng		0.00
64) Phenanthrene-d10	11.428	188	1078028	20.00	ng	#	0.00
76) Chrysene-d12	14.086	240	865638	20.00	ng		0.00
86) Perylene-d12	15.568	264	744262	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	2046509	112.53	ng		0.03
7) Phenol-d6	6.522	99	2538310	102.97	ng		0.00
23) Nitrobenzene-d5	7.457	82	1740599	80.12	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	838437	131.18	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	3048553	76.97	ng		0.00
79) Terphenyl-d14	13.027	244	3409247	77.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.893	88	331823	36.67	ng	#	81
3) Pyridine	3.587	79	837511	34.61	ng		96
4) n-Nitrosodimethylamine	3.528	42	436179	42.84	ng		95
6) Aniline	6.557	93	224381	7.40	ng		94
8) 2-Chlorophenol	6.681	128	951971	48.29	ng		98
9) Benzaldehyde	6.445	77	501674	44.51	ng		98
10) Phenol	6.540	94	1051646	43.02	ng		85
11) bis(2-Chloroethyl)ether	6.634	93	899221	44.20	ng		99
12) 1,3-Dichlorobenzene	6.840	146	906615	39.44	ng		99
13) 1,4-Dichlorobenzene	6.910	146	917919	38.34	ng		98
14) 1,2-Dichlorobenzene	7.063	146	893941	39.91	ng		98
15) Benzyl Alcohol	7.034	79	803500	46.49	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1287348	41.03	ng		97
17) 2-Methylphenol	7.145	107	771282	45.98	ng		98
18) Hexachloroethane	7.410	117	336098	40.08	ng		95
19) n-Nitroso-di-n-propyla...	7.310	70	646102	43.59	ng		95
20) 3+4-Methylphenols	7.298	107	906938	45.90	ng		95
22) Acetophenone	7.304	105	1188224	41.71	ng	#	97
24) Nitrobenzene	7.475	77	974209	43.52	ng		98
25) Isophorone	7.716	82	1829817	45.98	ng		100
26) 2-Nitrophenol	7.792	139	481202	51.99	ng		97
27) 2,4-Dimethylphenol	7.828	122	835869	50.05	ng		98
28) bis(2-Chloroethoxy)met...	7.922	93	1139022	41.95	ng		99
29) 2,4-Dichlorophenol	8.034	162	802215	45.93	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	800300	40.67	ng		100
31) Naphthalene	8.198	128	2509578	41.85	ng		99
32) Benzoic acid	7.957	122	608322	45.50	ng		95
33) 4-Chloroaniline	8.245	127	179226	6.73	ng		99
34) Hexachlorobutadiene	8.322	225	452884	39.85	ng		98
35) Caprolactam	8.622	113	223178m	37.81	ng		
36) 4-Chloro-3-methylphenol	8.728	107	872440	48.04	ng		97
37) 2-Methylnaphthalene	8.892	142	1732092	43.51	ng		98
38) 1-Methylnaphthalene	8.992	142	1635146	43.38	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	765332	41.78	ng		99
41) Hexachlorocyclopentadiene	9.051	237	795846	91.53	ng		97
43) 2,4,6-Trichlorophenol	9.169	196	603782	48.08	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	626440	47.71	ng	99
46) 1,1'-Biphenyl	9.357	154	2099809	43.48	ng	99
47) 2-Chloronaphthalene	9.386	162	1674544	41.42	ng	98
48) 2-Nitroaniline	9.475	65	544910	44.47	ng	87
49) Acenaphthylene	9.804	152	2579991	43.60	ng	99
50) Dimethylphthalate	9.663	163	2134095	46.20	ng	98
51) 2,6-Dinitrotoluene	9.722	165	477113	48.48	ng	93
52) Acenaphthene	9.975	154	1805187	47.50	ng	99
53) 3-Nitroaniline	9.881	138	117121	10.07	ng	93
54) 2,4-Dinitrophenol	9.998	184	441516	96.56	ng	94
55) Dibenzofuran	10.151	168	2340972	42.33	ng	99
56) 4-Nitrophenol	10.051	139	805974	95.82	ng	88
57) 2,4-Dinitrotoluene	10.128	165	637993	49.85	ng	99
58) Fluorene	10.492	166	1755453	39.73	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	529892	47.58	ng	95
60) Diethylphthalate	10.363	149	2045237	45.03	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	853321	41.11	ng	99
62) 4-Nitroaniline	10.510	138	414326	35.44	ng	95
63) Azobenzene	10.645	77	1950882	43.89	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	314848	52.40	ng	88
66) n-Nitrosodiphenylamine	10.604	169	1677887	43.18	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	600682	43.75	ng	96
68) Hexachlorobenzene	11.045	284	634404	43.08	ng	95
69) Atrazine	11.133	200	488471	45.52	ng	98
70) Pentachlorophenol	11.233	266	761146	95.37	ng	100
71) Phenanthrene	11.457	178	2703725	40.38	ng	98
72) Anthracene	11.510	178	2758393	42.95	ng	98
73) Carbazole	11.663	167	2505167	42.03	ng	99
74) Di-n-butylphthalate	11.992	149	3052509	43.19	ng	99
75) Fluoranthene	12.651	202	2826972	42.25	ng	98
77) Benzidine	12.763	184	543653	27.75	ng	99
78) Pyrene	12.880	202	2840918	43.47	ng	98
80) Butylbenzylphthalate	13.498	149	1385536	49.27	ng	95
81) Benzo(a)anthracene	14.074	228	2457846	41.95	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	422472	22.91	ng	98
83) Chrysene	14.116	228	2488883	42.45	ng	97
84) Bis(2-ethylhexyl)phtha...	14.063	149	1767693	47.31	ng	98
85) Di-n-octyl phthalate	14.680	149	3151675	50.23	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	2300321	46.41	ng	96
88) Benzo(b)fluoranthene	15.133	252	2553615	47.54	ng	99
89) Benzo(k)fluoranthene	15.168	252	2213158	44.34	ng	99
90) Benzo(a)pyrene	15.510	252	2096043	44.43	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	1913556	46.91	ng	97
92) Benzo(g,h,i)perylene	17.533	276	1872517	47.37	ng	98

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

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