Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052821\
Data File : BF124111.D
Acq On : 28 May 2021 17:38
Operator : JU/CG
Sample : M2537-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-016-ABCDMSD

Manual Integrations APPROVED
mohammad
6/1/2021 1:19:21 PM

Quant Time: May 28 18:07:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 13:12:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	37014	20.00	ng		0.00
21) Naphthalene-d8	8.157	136	120245	20.00	ng		0.00
39) Acenaphthene-d10	9.916	164	60823	20.00	ng		0.00
64) Phenanthrene-d10	11.398	188	98187	20.00	ng		0.00
76) Chrysene-d12	14.045	240	86463	20.00	ng		0.00
86) Perylene-d12	15.533	264	100691	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	244622	92.79	ng		0.00
7) Phenol-d6	6.504	99	297285	86.93	ng		0.00
23) Nitrobenzene-d5	7.440	82	229482	82.23	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	87277	119.47	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	389295	78.76	ng		0.00
79) Terphenyl-d14	12.986	244	378568	66.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	38808	33.52	ng		98
3) Pyridine	3.446	79	97308	32.57	ng		89
4) n-Nitrosodimethylamine	3.393	42	67950	35.01	ng		88
6) Aniline	6.534	93	109280	28.15	ng		92
8) 2-Chlorophenol	6.657	128	105212	38.35	ng		97
9) Benzaldehyde	6.422	77	80397	54.33	ng		89
10) Phenol	6.516	94	127068	36.76	ng		93
11) bis(2-Chloroethyl)ether	6.604	93	102563	38.18	ng		92
12) 1,3-Dichlorobenzene	6.816	146	126560	39.60	ng		94
13) 1,4-Dichlorobenzene	6.893	146	128688	39.36	ng		93
14) 1,2-Dichlorobenzene	7.045	146	123212	40.32	ng		93
15) Benzyl Alcohol	7.016	79	102742	34.78	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.145	45	168509	31.16	ng		93
17) 2-Methylphenol	7.128	107	76475	34.38	ng	#	91
18) Hexachloroethane	7.387	117	52004	42.91	ng	#	84
19) n-Nitroso-di-n-propyla...	7.287	70	83159	35.99	ng		92
20) 3+4-Methylphenols	7.281	107	103364	35.27	ng	#	71
22) Acetophenone	7.281	105	150459	44.06	ng	#	91
24) Nitrobenzene	7.457	77	122007	42.76	ng		98
25) Isophorone	7.692	82	201433	37.52	ng		97
26) 2-Nitrophenol	7.775	139	54972	51.21	ng		93
27) 2,4-Dimethylphenol	7.810	122	86436	42.05	ng		94
28) bis(2-Chloroethoxy)met...	7.904	93	118898	44.04	ng		98
29) 2,4-Dichlorophenol	8.016	162	88843	42.70	ng		93
30) 1,2,4-Trichlorobenzene	8.098	180	106319	45.45	ng		96
31) Naphthalene	8.181	128	298299	41.92	ng		99
32) Benzoic acid	7.922	122	44439	39.39	ng		95
33) 4-Chloroaniline	8.222	127	35935	13.27	ng	#	95
34) Hexachlorobutadiene	8.298	225	75523	49.32	ng		96
35) Caprolactam	8.592	113	21113m	37.27	ng		
36) 4-Chloro-3-methylphenol	8.710	107	84302	37.05	ng		88
37) 2-Methylnaphthalene	8.869	142	201880	41.85	ng		99
38) 1-Methylnaphthalene	8.969	142	180193	40.04	ng		92
40) 1,2,4,5-Tetrachloroben...	9.039	216	108163	49.30	ng		99
41) Hexachlorocyclopentadiene	9.028	237	124923	89.53	ng		96
43) 2,4,6-Trichlorophenol	9.151	196	60540	42.53	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	65484	44.29	ng		92
46) 1,1'-Biphenyl	9.334	154	236543	44.15	ng		95
47) 2-Chloronaphthalene	9.363	162	180871	42.51	ng		95
48) 2-Nitroaniline	9.451	65	62682	43.62	ng		92
49) Acenaphthylene	9.775	152	269779	42.91	ng		97
50) Dimethylphthalate	9.634	163	202294	41.65	ng		98
51) 2,6-Dinitrotoluene	9.698	165	43232	44.02	ng	#	78
52) Acenaphthene	9.951	154	167788	38.99	ng		94
53) 3-Nitroaniline	9.863	138	20539	21.04	ng		86
54) 2,4-Dinitrophenol	9.975	184	41488	78.71	ng	#	84
55) Dibenzofuran	10.122	168	253183	40.96	ng		99
56) 4-Nitrophenol	10.028	139	57635	71.38	ng		89
57) 2,4-Dinitrotoluene	10.098	165	56316	46.75	ng	#	95
58) Fluorene	10.463	166	185727	39.88	ng		89
59) 2,3,4,6-Tetrachlorophenol	10.239	232	49012	40.31	ng	#	96
60) Diethylphthalate	10.333	149	200872	41.76	ng		96
61) 4-Chlorophenyl-phenyle...	10.451	204	98420	42.16	ng		94
62) 4-Nitroaniline	10.481	138	38545	39.70	ng		89
63) Azobenzene	10.616	77	206024	38.51	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	29510	46.80	ng	#	68
66) n-Nitrosodiphenylamine	10.575	169	165164	44.02	ng		97
67) 4-Bromophenyl-phenylether	10.945	248	61758	47.86	ng		93
68) Hexachlorobenzene	11.016	284	69594	48.31	ng		93
69) Atrazine	11.098	200	56790	53.60	ng		97
70) Pentachlorophenol	11.210	266	65372	76.55	ng		99
71) Phenanthrene	11.428	178	266011	42.75	ng		97
72) Anthracene	11.480	178	274930	43.60	ng		97
73) Carbazole	11.633	167	214835	38.95	ng		99
74) Di-n-butylphthalate	11.963	149	298139	43.18	ng		99
75) Fluoranthene	12.616	202	270981	42.05	ng		99
77) Benzidine	12.733	184	149451	71.64	ng	#	97
78) Pyrene	12.845	202	277939	36.21	ng		99
80) Butylbenzylphthalate	13.463	149	131956	43.84	ng		95
81) Benzo(a)anthracene	14.033	228	265215	42.41	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	54852	28.24	ng	#	95
83) Chrysene	14.074	228	252282	41.95	ng		98
84) Bis(2-ethylhexyl)phtha...	14.021	149	198131	46.64	ng	#	95
85) Di-n-octyl phthalate	14.639	149	352106	54.84	ng	#	92
87) Indeno(1,2,3-cd)pyrene	17.039	276	376263	48.39	ng		99
88) Benzo(b)fluoranthene	15.098	252	296826	38.11	ng		99
89) Benzo(k)fluoranthene	15.127	252	298622	42.07	ng		97
90) Benzo(a)pyrene	15.474	252	301672	44.80	ng		96
91) Dibenzo(a,h)anthracene	17.057	278	313156	47.82	ng		98
92) Benzo(g,h,i)perylene	17.498	276	307572	46.83	ng		100

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

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