Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124835.D
Acq On : 28 Jul 2021 19:21
Operator : JU/CG
Sample : M3205-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-209MSD

Manual Integrations APPROVED
mohammad
7/29/2021 1:43:20 PM

Quant Time: Jul 29 02:10:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	5957	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	23580	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	13315	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	23862	20.000	ng		0.00
76) Chrysene-d12	14.039	240	13893	20.000	ng		0.00
86) Perylene-d12	15.515	264	13808	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	40697	115.673	ng		0.01
7) Phenol-d6	6.504	99	49657	112.583	ng		0.00
23) Nitrobenzene-d5	7.439	82	33831	85.392	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	15478	135.389	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	73693	81.289	ng		0.00
79) Terphenyl-d14	12.986	244	72389	89.315	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	5317	43.234	ng	#	100
3) Pyridine	3.428	79	11098	38.120	ng		95
4) n-Nitrosodimethylamine	3.381	42	10077	43.769	ng		85
6) Aniline	6.534	93	19328	42.639	ng		97
8) 2-Chlorophenol	6.657	128	17762	44.760	ng		93
9) Benzaldehyde	6.422	77	11082	46.667	ng		95
10) Phenol	6.516	94	20936	49.567	ng		93
11) bis(2-Chloroethyl)ether	6.610	93	17060	50.941	ng		98
12) 1,3-Dichlorobenzene	6.816	146	19377	44.928	ng		95
13) 1,4-Dichlorobenzene	6.892	146	20115	46.619	ng		97
14) 1,2-Dichlorobenzene	7.045	146	18876	45.278	ng		98
15) Benzyl Alcohol	7.016	79	14423	49.727	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.145	45	28405	50.393	ng		97
17) 2-Methylphenol	7.122	107	14082	48.711	ng		97
18) Hexachloroethane	7.387	117	8316	50.849	ng	#	89
19) n-Nitroso-di-n-propyla...	7.287	70	12692	53.888	ng		92
20) 3+4-Methylphenols	7.275	107	18279	47.857	ng		89
22) Acetophenone	7.281	105	26734	48.924	ng	#	88
24) Nitrobenzene	7.457	77	18216	46.898	ng		94
25) Isophorone	7.692	82	34022	48.565	ng	#	92
26) 2-Nitrophenol	7.769	139	10135	47.110	ng	#	78
27) 2,4-Dimethylphenol	7.804	122	16578	50.079	ng		90
28) bis(2-Chloroethoxy)met...	7.904	93	22194	54.518	ng		98
29) 2,4-Dichlorophenol	8.010	162	15973	45.560	ng		92
30) 1,2,4-Trichlorobenzene	8.098	180	17719	46.113	ng		99
31) Naphthalene	8.181	128	54750	44.492	ng		97
32) Benzoic acid	7.934	122	10935	42.677	ng		94
33) 4-Chloroaniline	8.222	127	6797	14.689	ng	#	89
34) Hexachlorobutadiene	8.292	225	10576	46.045	ng		98
35) Caprolactam	8.604	113	4504m	49.428	ng		
36) 4-Chloro-3-methylphenol	8.704	107	17938	53.642	ng		88
37) 2-Methylnaphthalene	8.869	142	38089	46.325	ng		99
38) 1-Methylnaphthalene	8.969	142	35347	45.379	ng		98
40) 1,2,4,5-Tetrachloroben...	9.033	216	17667	47.555	ng		97
41) Hexachlorocyclopentadiene	9.022	237	21550	98.045	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	12280	46.563	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	12481	46.090	ng		97
46) 1,1'-Biphenyl	9.333	154	46714	47.001	ng		99
47) 2-Chloronaphthalene	9.357	162	36297	46.133	ng		96
48) 2-Nitroaniline	9.457	65	11014	53.461	ng		99
49) Acenaphthylene	9.775	152	57259	47.191	ng		99
50) Dimethylphthalate	9.639	163	47145	51.422	ng		96
51) 2,6-Dinitrotoluene	9.698	165	9830	48.532	ng	#	82
52) Acenaphthene	9.945	154	33799	42.021	ng		95
53) 3-Nitroaniline	9.863	138	6337	29.739	ng	#	82
54) 2,4-Dinitrophenol	9.975	184	10684	91.220	ng		91
55) Dibenzofuran	10.122	168	53334	46.403	ng		99
56) 4-Nitrophenol	10.033	139	15590	92.646	ng		90
57) 2,4-Dinitrotoluene	10.104	165	13918	50.636	ng	#	93
58) Fluorene	10.463	166	41642	47.228	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	10459	48.906	ng	#	94
60) Diethylphthalate	10.333	149	49508	51.929	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	21152	49.625	ng		98
62) 4-Nitroaniline	10.486	138	9711	46.057	ng		86
63) Azobenzene	10.616	77	44548	52.816	ng		95
65) 4,6-Dinitro-2-methylph...	10.510	198	6989	45.226	ng		93
66) n-Nitrosodiphenylamine	10.575	169	36702	47.463	ng		96
67) 4-Bromophenyl-phenylether	10.945	248	13042	51.535	ng		96
68) Hexachlorobenzene	11.010	284	13481	51.292	ng		95
69) Atrazine	11.104	200	12682	53.942	ng		88
70) Pentachlorophenol	11.204	266	14656	89.675	ng		93
71) Phenanthrene	11.427	178	64089	49.937	ng		99
72) Anthracene	11.480	178	62057	48.367	ng		99
73) Carbazole	11.633	167	50647	42.112	ng		99
74) Di-n-butylphthalate	11.957	149	81967	51.168	ng		100
75) Fluoranthene	12.616	202	63019	48.118	ng		98
77) Benzidine	12.733	184	23482	59.938	ng		97
78) Pyrene	12.845	202	61736	56.130	ng		98
80) Butylbenzylphthalate	13.457	149	28725	54.528	ng		96
81) Benzo(a)anthracene	14.027	228	43840	48.274	ng		96
82) 3,3'-Dichlorobenzidine	13.992	252	10067	39.944	ng		95
83) Chrysene	14.068	228	42864	48.992	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	42650	54.965	ng		99
85) Di-n-octyl phthalate	14.627	149	67644	53.721	ng		99
87) Indeno(1,2,3-cd)pyrene	17.004	276	47524	59.616	ng		94
88) Benzo(b)fluoranthene	15.086	252	44096	45.358	ng	#	96
89) Benzo(k)fluoranthene	15.115	252	40560	45.660	ng		98
90) Benzo(a)pyrene	15.457	252	42434	52.251	ng		96
91) Dibenzo(a,h)anthracene	17.021	278	39302	56.317	ng		96
92) Benzo(g,h,i)perylene	17.456	276	38051	57.499	ng	#	94

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

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