Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063021\
Data File : BF124498.D
Acq On : 30 Jun 2021 18:13
Operator : JU/CG
Sample : M2896-06MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-03MSD

Manual Integrations APPROVED
mohammad
7/1/2021 2:52:00 PM

Quant Time: Jul 01 05:15:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 29 12:49:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.692	152	34085	20.000	ng		0.00
21) Naphthalene-d8	7.975	136	130505	20.000	ng	#	0.00
39) Acenaphthene-d10	9.727	164	81926	20.000	ng		0.00
64) Phenanthrene-d10	11.216	188	154488	20.000	ng		0.00
76) Chrysene-d12	13.862	240	102832	20.000	ng		0.00
86) Perylene-d12	15.292	264	83766	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	258895	119.455	ng		0.02
7) Phenol-d6	6.357	99	285871	101.020	ng		0.00
23) Nitrobenzene-d5	7.263	82	255341	81.124	ng		0.00
42) 2,4,6-Tribromophenol	10.527	330	131268	134.111	ng		0.00
45) 2-Fluorobiphenyl	9.057	172	531994	79.546	ng		0.00
79) Terphenyl-d14	12.804	244	707557	103.059	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.475	88	30948	33.208	ng	#	71
3) Pyridine	3.187	79	48086m	23.530	ng		
4) n-Nitrosodimethylamine	3.098	42	38075	34.534	ng	#	73
6) Aniline	6.363	93	39712	12.561	ng	#	1
8) 2-Chlorophenol	6.486	128	99429	41.280	ng		95
9) Benzaldehyde	6.251	77	59944	45.505	ng		89
10) Phenol	6.369	94	106754	34.889	ng		90
11) bis(2-Chloroethyl)ether	6.433	93	101479	45.858	ng		89
12) 1,3-Dichlorobenzene	6.633	146	117844m	40.282	ng		
13) 1,4-Dichlorobenzene	6.710	146	117818	39.717	ng		95
14) 1,2-Dichlorobenzene	6.863	146	116716	41.779	ng		97
15) Benzyl Alcohol	6.851	79	95117	39.186	ng	#	91
16) 2,2'-oxybis(1-Chloropr...	6.975	45	112602	39.665	ng	#	1
17) 2-Methylphenol	6.969	107	82800	42.959	ng	#	84
18) Hexachloroethane	7.198	117	46689	43.201	ng	#	84
19) n-Nitroso-di-n-propyla...	7.116	70	82097	43.139	ng	#	78
20) 3+4-Methylphenols	7.128	107	108250	43.027	ng	#	71
22) Acetophenone	7.110	105	158424	43.608	ng	#	86
24) Nitrobenzene	7.286	77	123161	39.168	ng		96
25) Isophorone	7.522	82	212024	39.180	ng	#	98
26) 2-Nitrophenol	7.598	139	60374	39.473	ng		93
27) 2,4-Dimethylphenol	7.645	122	96070	47.124	ng		86
28) bis(2-Chloroethoxy)met...	7.733	93	124690	45.459	ng		98
29) 2,4-Dichlorophenol	7.851	162	103508	42.772	ng		90
30) 1,2,4-Trichlorobenzene	7.922	180	106988	38.983	ng		97
31) Naphthalene	7.998	128	302371	39.381	ng		99
32) Benzoic acid	7.816	122	51768	44.166	ng		98
33) 4-Chloroaniline	8.063	127	18169m	6.300	ng		
34) Hexachlorobutadiene	8.110	225	67378	36.720	ng		98
35) Caprolactam	8.439	113	24820m	39.138	ng		
36) 4-Chloro-3-methylphenol	8.563	107	106828	43.705	ng	#	81
37) 2-Methylnaphthalene	8.692	142	229045	42.155	ng		99
38) 1-Methylnaphthalene	8.786	142	212306	42.010	ng		96
40) 1,2,4,5-Tetrachloroben...	8.857	216	114875	39.016	ng	#	98
41) Hexachlorocyclopentadiene	8.839	237	51686	226.241	ng		94
43) 2,4,6-Trichlorophenol	8.980	196	73087	39.557	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.027	196	74861	38.399	ng	#	91
46) 1,1'-Biphenyl	9.157	154	282951	40.635	ng		97
47) 2-Chloronaphthalene	9.180	162	221675	38.920	ng		92
48) 2-Nitroaniline	9.286	65	77049	41.122	ng		94
49) Acenaphthylene	9.592	152	334786	40.664	ng		97
50) Dimethylphthalate	9.463	163	289960	44.891	ng		100
51) 2,6-Dinitrotoluene	9.527	165	64262	43.070	ng		84
52) Acenaphthene	9.763	154	215302	41.185	ng		93
53) 3-Nitroaniline	9.698	138	23636	17.896	ng		96
54) 2,4-Dinitrophenol	9.821	184	58945	89.149	ng		85
55) Dibenzofuran	9.939	168	338424	40.616	ng		99
56) 4-Nitrophenol	9.892	139	49255	71.089	ng		93
57) 2,4-Dinitrotoluene	9.939	165	92960	47.003	ng	#	87
58) Fluorene	10.280	166	275390	43.014	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.069	232	66179	46.416	ng	#	87
60) Diethylphthalate	10.163	149	289925	45.109	ng		96
61) 4-Chlorophenyl-phenyle...	10.269	204	139060	43.829	ng		97
62) 4-Nitroaniline	10.321	138	53708	42.265	ng	#	82
63) Azobenzene	10.433	77	268307	41.937	ng		94
65) 4,6-Dinitro-2-methylph...	10.357	198	46672	42.147	ng	#	62
66) n-Nitrosodiphenylamine	10.398	169	245758	41.467	ng		97
67) 4-Bromophenyl-phenylether	10.757	248	84904	40.852	ng		97
68) Hexachlorobenzene	10.827	284	94410	41.810	ng		96
69) Atrazine	10.927	200	86231	56.397	ng		96
70) Pentachlorophenol	11.033	266	58418	103.950	ng		94
71) Phenanthrene	11.245	178	412778	42.386	ng		98
72) Anthracene	11.298	178	436622	44.997	ng		97
73) Carbazole	11.457	167	358102	42.345	ng		97
74) Di-n-butylphthalate	11.780	149	488739	48.533	ng		99
75) Fluoranthene	12.433	202	451630	46.084	ng		95
77) Benzidine	12.557	184	47615	23.104	ng	#	96
78) Pyrene	12.662	202	456205	48.602	ng		98
80) Butylbenzylphthalate	13.274	149	197595	53.013	ng		99
81) Benzo(a)anthracene	13.851	228	325189	43.863	ng		98
82) 3,3'-Dichlorobenzidine	13.809	252	38824	16.344	ng	#	93
83) Chrysene	13.892	228	317313	43.189	ng		99
84) Bis(2-ethylhexyl)phtha...	13.839	149	272616	54.590	ng		98
85) Di-n-octyl phthalate	14.451	149	375388	48.265	ng	#	88
87) Indeno(1,2,3-cd)pyrene	16.698	276	306511	46.400	ng		97
88) Benzo(b)fluoranthene	14.886	252	262540	41.360	ng		97
89) Benzo(k)fluoranthene	14.909	252	249581	42.977	ng		99
90) Benzo(a)pyrene	15.233	252	248477	44.051	ng		97
91) Dibenzo(a,h)anthracene	16.698	278	257177	45.197	ng		97
92) Benzo(g,h,i)perylene	17.109	276	240365	42.929	ng		94

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

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