Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
Data File : BF126044.D
Acq On : 4 Nov 2021 14:20
Operator : JU/CG
Sample : M4448-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 08 07:19:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	144878	20.000	ng		0.00
21) Naphthalene-d8	8.133	136	533335	20.000	ng	#	0.00
39) Acenaphthene-d10	9.892	164	318061	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	537363	20.000	ng		0.00
76) Chrysene-d12	14.010	240	297700	20.000	ng	#	0.00
86) Perylene-d12	15.468	264	341180	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	788398	93.451	ng		0.01
7) Phenol-d6	6.481	99	1043832	87.771	ng		0.00
23) Nitrobenzene-d5	7.416	82	761327	67.321	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	356388	97.775	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1473741	62.616	ng		0.00
79) Terphenyl-d14	12.957	244	1253628	67.905	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	132644	37.812	ng	#	100
3) Pyridine	3.428	79	308465	32.678	ng		96
4) n-Nitrosodimethylamine	3.375	42	276520	41.773	ng	#	92
6) Aniline	6.516	93	308798	23.548	ng	#	90
8) 2-Chlorophenol	6.634	128	397801	44.127	ng	#	80
9) Benzaldehyde	6.398	77	287415	42.620	ng		88
10) Phenol	6.498	94	522501	42.968	ng		82
11) bis(2-Chloroethyl)ether	6.586	93	379526	42.849	ng		88
12) 1,3-Dichlorobenzene	6.792	146	434965	42.365	ng	#	91
13) 1,4-Dichlorobenzene	6.869	146	443695	42.380	ng		95
14) 1,2-Dichlorobenzene	7.022	146	425955	42.231	ng		96
15) Benzyl Alcohol	6.992	79	433281	42.660	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.128	45	663627	40.747	ng		94
17) 2-Methylphenol	7.104	107	335844	43.775	ng	#	88
18) Hexachloroethane	7.369	117	175722	44.676	ng	#	83
19) n-Nitroso-di-n-propyla...	7.269	70	343447	43.806	ng	#	83
20) 3+4-Methylphenols	7.257	107	445406	42.942	ng	#	72
22) Acetophenone	7.263	105	635959	41.286	ng	#	87
24) Nitrobenzene	7.433	77	505899	45.166	ng	#	82
25) Isophorone	7.675	82	854453	41.965	ng	#	88
26) 2-Nitrophenol	7.751	139	201868	50.659	ng	#	63
27) 2,4-Dimethylphenol	7.786	122	350072	47.157	ng	#	78
28) bis(2-Chloroethoxy)met...	7.886	93	486568	40.525	ng	#	97
29) 2,4-Dichlorophenol	7.992	162	362306	43.237	ng		96
30) 1,2,4-Trichlorobenzene	8.075	180	420833	41.189	ng		99
31) Naphthalene	8.157	128	1166857	42.240	ng		99
32) Benzoic acid	7.910	122	208709	45.833	ng	#	67
33) 4-Chloroaniline	8.204	127	91610	8.298	ng	#	88
34) Hexachlorobutadiene	8.275	225	286182	40.690	ng		99
35) Caprolactam	8.575	113	97835m	41.928	ng		
36) 4-Chloro-3-methylphenol	8.686	107	415299	42.979	ng		87
37) 2-Methylnaphthalene	8.851	142	846481	44.367	ng		99
38) 1-Methylnaphthalene	8.951	142	768135	41.564	ng		97
40) 1,2,4,5-Tetrachloroben...	9.016	216	447775	42.009	ng		98
41) Hexachlorocyclopentadiene	9.004	237	476180	85.980	ng		99
43) 2,4,6-Trichlorophenol	9.127	196	286207	44.341	ng		99

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44) 2,4,5-Trichlorophenol	9.163	196	304737	43.702	ng		95
46) 1,1'-Biphenyl	9.310	154	1018970	41.448	ng		98
47) 2-Chloronaphthalene	9.333	162	818795	42.314	ng		99
48) 2-Nitroaniline	9.427	65	288132	45.672	ng	#	70
49) Acenaphthylene	9.751	152	1249376	42.694	ng		98
50) Dimethylphthalate	9.616	163	987677	42.653	ng		99
51) 2,6-Dinitrotoluene	9.669	165	202733	51.078	ng	#	57
52) Acenaphthene	9.922	154	854137	46.276	ng		97
53) 3-Nitroaniline	9.833	138	83156	20.437	ng	#	59
54) 2,4-Dinitrophenol	9.945	184	149038	73.882	ng		89
55) Dibenzofuran	10.098	168	1131712	40.730	ng		99
56) 4-Nitrophenol	9.998	139	266533	82.999	ng	#	46
57) 2,4-Dinitrotoluene	10.074	165	274909	48.076	ng	#	87
58) Fluorene	10.439	166	914057	40.977	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	246141	41.685	ng	#	90
60) Diethylphthalate	10.310	149	978946	42.157	ng		100
61) 4-Chlorophenyl-phenyle...	10.427	204	491878	41.231	ng		94
62) 4-Nitroaniline	10.451	138	158825	37.425	ng		82
63) Azobenzene	10.592	77	1003898	39.814	ng		94
65) 4,6-Dinitro-2-methylph...	10.480	198	108519	42.992	ng		97
66) n-Nitrosodiphenylamine	10.545	169	773813	45.219	ng		96
67) 4-Bromophenyl-phenylether	10.921	248	299530	46.020	ng		94
68) Hexachlorobenzene	10.986	284	307395	45.210	ng	#	89
69) Atrazine	11.074	200	283444	46.828	ng		92
70) Pentachlorophenol	11.174	266	319332	87.159	ng		96
71) Phenanthrene	11.398	178	1255386	43.079	ng		98
72) Anthracene	11.451	178	1263454	43.426	ng		99
73) Carbazole	11.598	167	989858	36.683	ng		99
74) Di-n-butylphthalate	11.933	149	1418919	45.129	ng	#	98
75) Fluoranthene	12.580	202	1225355	37.760	ng		96
77) Benzidine	12.704	184	370500	37.229	ng		98
78) Pyrene	12.810	202	1167672	48.909	ng		97
80) Butylbenzylphthalate	13.433	149	426476	49.042	ng		86
81) Benzo(a)anthracene	13.998	228	891832	43.607	ng		98
82) 3,3'-Dichlorobenzidine	13.957	252	218614	36.631	ng		98
83) Chrysene	14.033	228	869291	45.681	ng		97
84) Bis(2-ethylhexyl)phtha...	13.992	149	617364	51.223	ng	#	99
85) Di-n-octyl phthalate	14.604	149	977205	57.066	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1003672	49.700	ng	#	84
88) Benzo(b)fluoranthene	15.045	252	992820	44.737	ng	#	94
89) Benzo(k)fluoranthene	15.074	252	809582m	37.607	ng		
90) Benzo(a)pyrene	15.409	252	901271	51.549	ng	#	94
91) Dibenzo(a,h)anthracene	16.951	278	853279	51.445	ng	#	91
92) Benzo(g,h,i)perylene	17.368	276	786305	49.431	ng	#	84

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

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