Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
Data File : BF122555.D
Acq On : 4 Dec 2020 20:15
Operator : JU/CG
Sample : L4939-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-12320MSD

Manual Integrations APPROVED
mohammad
12/7/2020 1:59:23 PM

Quant Time: Dec 04 23:31:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 04 12:52:10 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	186049	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	677215	20.00	ng		0.00
39) Acenaphthene-d10	9.898	164	361808	20.00	ng		0.00
64) Phenanthrene-d10	11.380	188	617916	20.00	ng		0.00
76) Chrysene-d12	14.021	240	435697	20.00	ng		0.00
86) Perylene-d12	15.492	264	450294	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1118663	92.33	ng		0.00
7) Phenol-d6	6.487	99	1417473	89.43	ng		0.00
23) Nitrobenzene-d5	7.416	82	893256	80.75	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	401159	103.31	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	1513071	65.34	ng		0.00
79) Terphenyl-d14	12.963	244	1323017	64.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	184224	33.15	ng		87
3) Pyridine	3.399	79	524760	34.34	ng		88
4) n-Nitrosodimethylamine	3.346	42	225042	31.24	ng		89
6) Aniline	6.510	93	264465	12.72	ng	#	90
8) 2-Chlorophenol	6.640	128	529700	42.16	ng		89
9) Benzaldehyde	6.398	77	281791	31.34	ng		96
10) Phenol	6.504	94	685130	43.89	ng		84
11) bis(2-Chloroethyl)ether	6.587	93	487177	39.27	ng		92
12) 1,3-Dichlorobenzene	6.792	146	563407	39.49	ng		97
13) 1,4-Dichlorobenzene	6.869	146	557444	38.90	ng		98
14) 1,2-Dichlorobenzene	7.022	146	543826	40.66	ng		99
15) Benzyl Alcohol	6.992	79	429436	38.11	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	618218	34.19	ng		85
17) 2-Methylphenol	7.110	107	429184	40.92	ng		99
18) Hexachloroethane	7.363	117	212471	42.58	ng		99
19) n-Nitroso-di-n-propyla...	7.269	70	359046	37.91	ng		91
20) 3+4-Methylphenols	7.263	107	506699	39.26	ng		96
22) Acetophenone	7.263	105	719980	40.82	ng		92
24) Nitrobenzene	7.434	77	532681	42.09	ng		97
25) Isophorone	7.675	82	963592	39.07	ng	#	96
26) 2-Nitrophenol	7.751	139	266023	48.36	ng		96
27) 2,4-Dimethylphenol	7.792	122	448278	38.54	ng		99
28) bis(2-Chloroethoxy)met...	7.886	93	579722	38.43	ng		96
29) 2,4-Dichlorophenol	7.998	162	437885	42.52	ng		96
30) 1,2,4-Trichlorobenzene	8.081	180	461530	40.60	ng		97
31) Naphthalene	8.163	128	1476922	41.02	ng		99
32) Benzoic acid	7.904	122	139717	26.06	ng	#	43
33) 4-Chloroaniline	8.204	127	197955	12.62	ng		98
34) Hexachlorobutadiene	8.281	225	276009	42.25	ng		98
35) Caprolactam	8.581	113	171824m	52.64	ng		
36) 4-Chloro-3-methylphenol	8.698	107	447421	41.65	ng		96
37) 2-Methylnaphthalene	8.851	142	995611	41.86	ng		98
38) 1-Methylnaphthalene	8.951	142	901405	40.48	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	441644	39.61	ng		99
41) Hexachlorocyclopentadiene	9.004	237	145086	22.26	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	298287	41.20	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	305176	40.21	ng		97
46) 1,1'-Biphenyl	9.316	154	1110315	38.55	ng		98
47) 2-Chloronaphthalene	9.345	162	868982	38.02	ng		98
48) 2-Nitroaniline	9.433	65	272847	40.92	ng		95
49) Acenaphthylene	9.757	152	1374482	39.12	ng		99
50) Dimethylphthalate	9.616	163	1103308	42.90	ng		99
51) 2,6-Dinitrotoluene	9.680	165	229041	40.65	ng	#	83
52) Acenaphthene	9.933	154	845339	38.88	ng		99
53) 3-Nitroaniline	9.845	138	126843	21.57	ng		91
54) 2,4-Dinitrophenol	9.957	184	52140	36.36	ng		94
55) Dibenzofuran	10.104	168	1252382	39.31	ng		99
56) 4-Nitrophenol	10.016	139	353636	64.19	ng		94
57) 2,4-Dinitrotoluene	10.080	165	304366	42.77	ng		90
58) Fluorene	10.445	166	975755	40.00	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	261190	41.38	ng	#	98
60) Diethylphthalate	10.316	149	1007036	39.92	ng		99
61) 4-Chlorophenyl-phenyle...	10.433	204	461298	40.06	ng		94
62) 4-Nitroaniline	10.457	138	206583	33.49	ng		98
63) Azobenzene	10.592	77	942295	35.60	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	60941	29.53	ng		88
66) n-Nitrosodiphenylamine	10.551	169	858404	40.77	ng		96
67) 4-Bromophenyl-phenylether	10.922	248	310163	42.72	ng		97
68) Hexachlorobenzene	10.992	284	324516	41.36	ng		99
69) Atrazine	11.080	200	242781	46.30	ng		99
70) Pentachlorophenol	11.186	266	318851	70.54	ng		97
71) Phenanthrene	11.404	178	1593238	45.44	ng		99
72) Anthracene	11.457	178	1458309	40.36	ng		99
73) Carbazole	11.610	167	1237679	37.65	ng		99
74) Di-n-butylphthalate	11.939	149	1493168	42.61	ng		100
75) Fluoranthene	12.592	202	1605993	43.88	ng		98
77) Benzidine	12.716	184	555542	45.97	ng		99
78) Pyrene	12.821	202	1546341	50.52	ng		100
80) Butylbenzylphthalate	13.439	149	553664	45.30	ng		94
81) Benzo(a)anthracene	14.015	228	1283385	47.36	ng		100
82) 3,3'-Dichlorobenzidine	13.974	252	295854	29.30	ng		99
83) Chrysene	14.051	228	1247311	45.70	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	756524	51.26	ng		100
85) Di-n-octyl phthalate	14.610	149	1261261	50.42	ng		96
87) Indeno(1,2,3-cd)pyrene	16.968	276	1086633	40.22	ng		99
88) Benzo(b)fluoranthene	15.068	252	1339534	45.93	ng		100
89) Benzo(k)fluoranthene	15.098	252	1142434	40.17	ng		100
90) Benzo(a)pyrene	15.433	252	1138043	44.76	ng		99
91) Dibenzo(a,h)anthracene	16.986	278	855124	37.79	ng		98
92) Benzo(g,h,i)perylene	17.415	276	873340	39.68	ng		98

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

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