Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120320\
Data File : BF122536.D
Acq On : 3 Dec 2020 14:22
Operator : JU/CG
Sample : L4911-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SK-12-1-SPAMS

Manual Integrations APPROVED
mohammad
12/7/2020 8:52:51 AM

Quant Time: Dec 03 15:43:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	196573	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	769733	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	415137	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	787866	20.00	ng	0.00
76) Chrysene-d12	14.033	240	594767	20.00	ng	0.00
86) Perylene-d12	15.498	264	548819	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	988630	77.23	ng	0.00
7) Phenol-d6	6.492	99	1268160	75.72	ng	0.00
23) Nitrobenzene-d5	7.422	82	789577	62.80	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	422870	94.91	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1412563	53.16	ng	0.00
79) Terphenyl-d14	12.968	244	1494148	53.22	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	223751	38.11	ng	89
3) Pyridine	3.422	79	635176	39.34	ng	87
4) n-Nitrosodimethylamine	3.381	42	287036	37.71	ng	88
6) Aniline	6.516	93	637389	29.01	ng	99
8) 2-Chlorophenol	6.645	128	651407	49.07	ng	88
9) Benzaldehyde	6.404	77	368942	42.44	ng	97
10) Phenol	6.504	94	838115	50.82	ng	84
11) bis(2-Chloroethyl)ether	6.592	93	599752	45.75	ng	93
12) 1,3-Dichlorobenzene	6.798	146	695209	46.13	ng	97
13) 1,4-Dichlorobenzene	6.875	146	697815	46.09	ng	98
14) 1,2-Dichlorobenzene	7.028	146	672853	47.62	ng	100
15) Benzyl Alcohol	6.998	79	525158	44.10	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.133	45	798912	41.81	ng	91
17) 2-Methylphenol	7.116	107	541438	48.86	ng	98
18) Hexachloroethane	7.369	117	247864	47.01	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	420167	41.98	ng	90
20) 3+4-Methylphenols	7.269	107	610210	44.75	ng	98
22) Acetophenone	7.269	105	805494	40.18	ng	93
24) Nitrobenzene	7.439	77	663569	46.13	ng	95
25) Isophorone	7.681	82	1178552	42.05	ng	97
26) 2-Nitrophenol	7.757	139	341325	53.71	ng	97
27) 2,4-Dimethylphenol	7.798	122	563788	42.64	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	750451	43.77	ng	99
29) 2,4-Dichlorophenol	7.998	162	556670	47.56	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	583476	45.16	ng	96
31) Naphthalene	8.163	128	1785800	43.64	ng	99
32) Benzoic acid	7.904	122	137263	23.60	ng	93
33) 4-Chloroaniline	8.210	127	283127	15.89	ng	96
34) Hexachlorobutadiene	8.280	225	343329	46.24	ng	99
35) Caprolactam	8.592	113	181653m	48.96	ng	
36) 4-Chloro-3-methylphenol	8.704	107	584987	47.92	ng	95
37) 2-Methylnaphthalene	8.857	142	1215204	44.95	ng	99
38) 1-Methylnaphthalene	8.957	142	1120541	44.28	ng	100
40) 1,2,4,5-Tetrachloroben...	9.027	216	565841	44.23	ng	100
41) Hexachlorocyclopentadiene	9.010	237	600341	80.26	ng	98
43) 2,4,6-Trichlorophenol	9.133	196	402837	48.49	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	443654	50.94	ng		96
46) 1,1'-Biphenyl	9.322	154	1432412	43.35	ng		98
47) 2-Chloronaphthalene	9.345	162	1172445	44.70	ng		99
48) 2-Nitroaniline	9.439	65	363053	46.63	ng		94
49) Acenaphthylene	9.763	152	1824748	45.27	ng		99
50) Dimethylphthalate	9.627	163	1478704	50.11	ng		100
51) 2,6-Dinitrotoluene	9.686	165	322991	49.09	ng	#	83
52) Acenaphthene	9.933	154	1201652m	48.16	ng		
53) 3-Nitroaniline	9.851	138	200625	28.39	ng		95
54) 2,4-Dinitrophenol	9.963	184	232100	82.55	ng		96
55) Dibenzofuran	10.110	168	1639148	44.84	ng		98
56) 4-Nitrophenol	10.027	139	540434	83.70	ng		96
57) 2,4-Dinitrotoluene	10.092	165	430779	51.66	ng	#	86
58) Fluorene	10.451	166	1266928	45.26	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	388978	53.71	ng		95
60) Diethylphthalate	10.322	149	1346920	46.53	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	615405	46.57	ng		95
62) 4-Nitroaniline	10.474	138	345256	47.24	ng		98
63) Azobenzene	10.604	77	1284456	42.30	ng		91
65) 4,6-Dinitro-2-methylph...	10.498	198	193634	54.10	ng		95
66) n-Nitrosodiphenylamine	10.563	169	1167556	43.49	ng		95
67) 4-Bromophenyl-phenylether	10.933	248	429117	46.35	ng		94
68) Hexachlorobenzene	10.998	284	469691	46.96	ng		97
69) Atrazine	11.086	200	344586	51.54	ng		98
70) Pentachlorophenol	11.198	266	511444	88.75	ng		98
71) Phenanthrene	11.416	178	1976095	44.21	ng		99
72) Anthracene	11.463	178	2011234	43.66	ng		99
73) Carbazole	11.621	167	1824002	43.52	ng		99
74) Di-n-butylphthalate	11.951	149	2061441	46.14	ng		99
75) Fluoranthene	12.604	202	2230629	47.80	ng		98
77) Benzidine	12.721	184	712016	43.16	ng		99
78) Pyrene	12.833	202	2238313	53.57	ng		98
80) Butylbenzylphthalate	13.445	149	887727	52.64	ng		97
81) Benzo(a)anthracene	14.021	228	1810265	48.94	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	393311	28.53	ng		99
83) Chrysene	14.057	228	1792372	48.11	ng		98
84) Bis(2-ethylhexyl)phtha...	14.009	149	1211149	60.12	ng	#	97
85) Di-n-octyl phthalate	14.621	149	1879883	55.05	ng		96
87) Indeno(1,2,3-cd)pyrene	16.974	276	1743897	52.96	ng		99
88) Benzo(b)fluoranthene	15.074	252	1769459	49.78	ng		100
89) Benzo(k)fluoranthene	15.104	252	1582765	45.67	ng		98
90) Benzo(a)pyrene	15.439	252	1486022	47.96	ng		99
91) Dibenzo(a,h)anthracene	16.992	278	1399557	50.74	ng		99
92) Benzo(g,h,i)perylene	17.421	276	1473379	54.93	ng		98

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

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