Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121574.D
Acq On : 15 Sep 2020 13:26
Operator : JU/CG
Sample : L3943-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 357MSD

Manual Integrations APPROVED
mohammad
9/16/2020 10:14:41 AM

Quant Time: Sep 15 14:14:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	205243	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	754318	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	432868	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	759224	20.00	ng		0.00
76) Chrysene-d12	14.00	240	653532	20.00	ng		0.00
86) Perylene-d12	15.44	264	548338	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1173148	84.95	ng		0.02
7) Phenol-d6	6.48	99	1548560	85.47	ng		0.02
23) Nitrobenzene-d5	7.40	82	1082815	77.07	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	457410	85.02	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1853121	64.84	ng		0.00
79) Terphenyl-d14	12.94	244	2079897	64.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	235875	37.176	ng		100
3) Pyridine	3.40	79	670748	38.241	ng		98
4) n-Nitrosodimethylamine	3.36	42	336402	41.347	ng		100
6) Aniline	6.50	93	568258	24.081	ng	#	83
8) 2-Chlorophenol	6.62	128	606417	43.127	ng		100
9) Benzaldehyde	6.38	77	324186	27.370	ng		99
10) Phenol	6.49	94	753129	39.034	ng		81
11) bis(2-Chloroethyl)ether	6.57	93	627758	43.169	ng		99
12) 1,3-Dichlorobenzene	6.77	146	632453	40.298	ng		99
13) 1,4-Dichlorobenzene	6.85	146	636523	40.391	ng		99
14) 1,2-Dichlorobenzene	7.00	146	615308	42.385	ng		99
15) Benzyl Alcohol	6.98	79	535197	43.458	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	953526	40.748	ng		87
17) 2-Methylphenol	7.10	107	492034	41.126	ng		94
18) Hexachloroethane	7.35	117	228398	40.477	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	426192	40.814	ng		100
20) 3+4-Methylphenols	7.25	107	580445	40.380	ng	#	88
22) Acetophenone	7.25	105	798020	41.697	ng		97
24) Nitrobenzene	7.42	77	651526	42.878	ng		98
25) Isophorone	7.66	82	1189635	42.065	ng		100
26) 2-Nitrophenol	7.73	139	302918	42.648	ng		95
27) 2,4-Dimethylphenol	7.77	122	495761	39.271	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	707645	40.418	ng		99
29) 2,4-Dichlorophenol	7.98	162	464142	40.367	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	479982	39.637	ng		98
31) Naphthalene	8.14	128	1544523	38.788	ng		100
32) Benzoic acid	7.92	122	356562	39.322	ng		97
33) 4-Chloroaniline	8.19	127	326380	18.909	ng		99
34) Hexachlorobutadiene	8.26	225	286602	40.322	ng		100
35) Caprolactam	8.57	113	155156m	40.521	ng		
36) 4-Chloro-3-methylphenol	8.68	107	510144	41.186	ng		100
37) 2-Methylnaphthalene	8.83	142	1099214	42.123	ng		99
38) 1-Methylnaphthalene	8.93	142	1036250	42.668	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	512250	37.884	ng		99

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Quant Time: Sep 15 14:14:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	418388	54.183	ng		100
43) 2,4,6-Trichlorophenol	9.11	196	364795	39.581	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	390588	40.088	ng		95
46) 1,1'-Biphenyl	9.29	154	1291912	37.280	ng		100
47) 2-Chloronaphthalene	9.32	162	955266	34.981	ng		99
48) 2-Nitroaniline	9.42	65	367399	43.295	ng		99
49) Acenaphthylene	9.73	152	1623327	38.689	ng		99
50) Dimethylphthalate	9.60	163	1632183	52.024	ng		98
51) 2,6-Dinitrotoluene	9.66	165	288767	43.219	ng	#	88
52) Acenaphthene	9.91	154	1098655m	41.457	ng		
53) 3-Nitroaniline	9.83	138	203354	26.273	ng		98
54) 2,4-Dinitrophenol	9.93	184	226468	61.168	ng		95
55) Dibenzofuran	10.08	168	1428389	38.273	ng		100
56) 4-Nitrophenol	10.01	139	500552	81.090	ng		92
57) 2,4-Dinitrotoluene	10.06	165	382630	45.520	ng		98
58) Fluorene	10.42	166	1046876	36.681	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	325362	41.076	ng		98
60) Diethylphthalate	10.30	149	1181568	38.628	ng		100
61) 4-Chlorophenyl-phenylether	10.41	204	506661	37.059	ng		96
62) 4-Nitroaniline	10.45	138	266422	34.667	ng		98
63) Azobenzene	10.57	77	1192030	36.594	ng		98
65) 4,6-Dinitro-2-methylphenol	10.47	198	154458	35.273	ng		99
66) n-Nitrosodiphenylamine	10.53	169	1011667	38.840	ng		100
67) 4-Bromophenyl-phenylether	10.90	248	345131	39.927	ng		95
68) Hexachlorobenzene	10.97	284	385084	39.475	ng		97
69) Atrazine	11.06	200	252363	38.998	ng		97
70) Pentachlorophenol	11.17	266	413602	77.202	ng		99
71) Phenanthrene	11.38	178	1613044	38.995	ng		100
72) Anthracene	11.43	178	1621009	37.974	ng		100
73) Carbazole	11.59	167	1626757	42.230	ng		99
74) Di-n-butylphthalate	11.92	149	2024601	45.537	ng		100
75) Fluoranthene	12.57	202	1923491	43.560	ng		99
77) Benzidine	12.69	184	492168	22.716	ng		99
78) Pyrene	12.80	202	1912943	40.062	ng		99
80) Butylbenzylphthalate	13.42	149	912851	47.270	ng		99
81) Benzo(a)anthracene	13.99	228	1629508	39.412	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	538700	33.374	ng		99
83) Chrysene	14.02	228	1625527	38.825	ng		100
84) Bis(2-ethylhexyl)phthalate	13.97	149	1210334	46.915	ng		100
85) Di-n-octyl phthalate	14.59	149	2173177	47.732	ng		100
87) Indeno(1,2,3-cd)pyrene	16.90	276	1526536	42.749	ng		100
88) Benzo(b)fluoranthene	15.03	252	1710219	46.655	ng		100
89) Benzo(k)fluoranthene	15.06	252	1307582	38.953	ng		99
90) Benzo(a)pyrene	15.39	252	1299046	41.690	ng		100
91) Dibenzo(a,h)anthracene	16.92	278	1248896	42.014	ng		99
92) Benzo(g,h,i)perylene	17.34	276	1285682	44.001	ng		98

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

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