Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122596.D
Acq On : 8 Dec 2020 19:18
Operator : JU/CG
Sample : L4965-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRT012MSD

Manual Integrations APPROVED
mohammad
12/9/2020 12:26:48 PM

Quant Time: Dec 09 01:12:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	169333	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	679428	20.00	ng		0.00
39) Acenaphthene-d10	9.880	164	375690	20.00	ng		0.00
64) Phenanthrene-d10	11.369	188	711009	20.00	ng		0.00
76) Chrysene-d12	14.010	240	490034	20.00	ng		0.00
86) Perylene-d12	15.468	264	486768	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1125274	105.21	ng		0.02
7) Phenol-d6	6.475	99	1314011	92.63	ng		0.00
23) Nitrobenzene-d5	7.404	82	1018425	75.10	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	522638	106.28	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1810390	65.18	ng		0.00
79) Terphenyl-d14	12.951	244	2083603	74.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	162989	32.42	ng	#	85
3) Pyridine	3.446	79	429561	32.33	ng		99
4) n-Nitrosodimethylamine	3.381	42	211244	39.64	ng		98
6) Aniline	6.504	93	236745	14.18	ng		92
8) 2-Chlorophenol	6.628	128	511540	43.39	ng		98
9) Benzaldehyde	6.387	77	198953	23.17	ng		97
10) Phenol	6.492	94	530174	36.07	ng		88
11) bis(2-Chloroethyl)ether	6.575	93	483973	43.10	ng		99
12) 1,3-Dichlorobenzene	6.781	146	470364	33.72	ng		98
13) 1,4-Dichlorobenzene	6.857	146	483556	34.38	ng		99
14) 1,2-Dichlorobenzene	7.010	146	470237	34.63	ng		99
15) Benzyl Alcohol	6.987	79	448723	45.94	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	604756	37.77	ng		98
17) 2-Methylphenol	7.098	107	408985	43.64	ng		99
18) Hexachloroethane	7.351	117	164412	32.80	ng		96
19) n-Nitroso-di-n-propyla...	7.257	70	349462	43.01	ng		97
20) 3+4-Methylphenols	7.251	107	478964	40.46	ng	#	87
22) Acetophenone	7.251	105	662455	39.21	ng	#	97
24) Nitrobenzene	7.428	77	543724	40.31	ng		97
25) Isophorone	7.663	82	973919	41.70	ng		100
26) 2-Nitrophenol	7.739	139	271027	41.19	ng		96
27) 2,4-Dimethylphenol	7.781	122	428353	44.42	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	600132	37.52	ng		99
29) 2,4-Dichlorophenol	7.986	162	453087	40.23	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	435498	34.13	ng		98
31) Naphthalene	8.145	128	1406369	37.51	ng		100
32) Benzoic acid	7.892	122	210628	27.41	ng		99
33) 4-Chloroaniline	8.192	127	140258	8.95	ng		99
34) Hexachlorobutadiene	8.263	225	250980	31.96	ng		98
35) Caprolactam	8.569	113	108740m	32.06	ng		
36) 4-Chloro-3-methylphenol	8.681	107	476151	42.92	ng		99
37) 2-Methylnaphthalene	8.839	142	981832	39.59	ng		99
38) 1-Methylnaphthalene	8.939	142	919792	39.20	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	460645	37.02	ng		100
41) Hexachlorocyclopentadiene	8.992	237	266138	48.37	ng		97
43) 2,4,6-Trichlorophenol	9.116	196	333011	38.75	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	360897	40.63	ng	96
46) 1,1'-Biphenyl	9.304	154	1195570	38.34	ng	99
47) 2-Chloronaphthalene	9.328	162	964151	37.32	ng	99
48) 2-Nitroaniline	9.422	65	305215	40.52	ng	91
49) Acenaphthylene	9.745	152	1498968	39.28	ng	100
50) Dimethylphthalate	9.604	163	1295189	43.17	ng	99
51) 2,6-Dinitrotoluene	9.663	165	274395	43.30	ng	90
52) Acenaphthene	9.916	154	952460m	38.58	ng	
53) 3-Nitroaniline	9.833	138	135073	18.45	ng	97
54) 2,4-Dinitrophenol	9.939	184	101173	32.66	ng	95
55) Dibenzofuran	10.086	168	1389547	40.01	ng	100
56) 4-Nitrophenol	9.998	139	345937	66.26	ng	88
57) 2,4-Dinitrotoluene	10.069	165	376531	44.61	ng	98
58) Fluorene	10.428	166	1070677	38.76	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	292672	37.50	ng	98
60) Diethylphthalate	10.304	149	1145280	39.24	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	512431	37.68	ng	97
62) 4-Nitroaniline	10.451	138	273296	36.77	ng	94
63) Azobenzene	10.580	77	1080165	40.27	ng	99
65) 4,6-Dinitro-2-methylph...	10.475	198	79559	18.35	ng	90
66) n-Nitrosodiphenylamine	10.539	169	963208	38.34	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	361400	37.51	ng	96
68) Hexachlorobenzene	10.980	284	402886	37.83	ng	96
69) Atrazine	11.069	200	277660	34.03	ng	99
70) Pentachlorophenol	11.175	266	341082	60.44	ng	99
71) Phenanthrene	11.392	178	1671472	39.56	ng	100
72) Anthracene	11.445	178	1718241	41.01	ng	100
73) Carbazole	11.598	167	1559320	41.03	ng	100
74) Di-n-butylphthalate	11.927	149	1779226	37.26	ng	100
75) Fluoranthene	12.580	202	1718759	38.79	ng	99
77) Benzidine	12.698	184	196713	18.56	ng	99
78) Pyrene	12.810	202	1708115	45.08	ng	100
80) Butylbenzylphthalate	13.427	149	719644	42.17	ng	96
81) Benzo(a)anthracene	13.998	228	1364403	41.66	ng	98
82) 3,3'-Dichlorobenzidine	13.957	252	226426	19.30	ng	99
83) Chrysene	14.033	228	1352469	41.50	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	904799	38.72	ng	99
85) Di-n-octyl phthalate	14.598	149	1481484	38.22	ng	99
87) Indeno(1,2,3-cd)pyrene	16.927	276	1503707	47.06	ng	99
88) Benzo(b)fluoranthene	15.045	252	1374178	40.24	ng	99
89) Benzo(k)fluoranthene	15.074	252	1286905	41.21	ng	99
90) Benzo(a)pyrene	15.410	252	1195519	40.01	ng	100
91) Dibenzo(a,h)anthracene	16.945	278	1252221	47.88	ng	99
92) Benzo(g,h,i)perylene	17.368	276	1277977	50.49	ng	100

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

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