Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119081.D
Acq On : 25 Feb 2020 23:13
Operator : CG/JU
Sample : L1669-03MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11991MSD

Quant Time: Feb 26 01:29:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	158997	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	586628	20.00	ng		0.00
39) Acenaphthene-d10	9.81	164	211862	20.00	ng		0.02
64) Phenanthrene-d10	11.31	188	260543	20.00	ng		0.04
76) Chrysene-d12	13.93	240	270555	20.00	ng		0.02
87) Perylene-d12	15.34	264	320093	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1041649	109.49	ng		0.00
7) Phenol-d6	6.40	99	1264439	109.28	ng		0.00
23) Nitrobenzene-d5	7.32	82	834222	75.08	ng		0.00
42) 2,4,6-Tribromophenol	10.61	330	340562	122.88	ng		0.03
45) 2-Fluorobiphenyl	9.12	172	1427200	99.24	ng		0.00
79) Terphenyl-d14	12.88	244	1140869	72.60	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	143982	33.990	ng		99
3) Pyridine	3.24	79	376795	32.571	ng		99
4) n-Nitrosodimethylamine	3.18	42	159666	45.561	ng		93
6) Aniline	6.42	93	466667	32.686	ng	#	23
8) 2-Chlorophenol	6.55	128	494152	48.128	ng		97
9) Benzaldehyde	6.30	77	205787	26.620	ng		99
10) Phenol	6.42	94	580174	46.376	ng		89
11) bis(2-Chloroethyl)ether	6.49	93	452688	47.293	ng		99
12) 1,3-Dichlorobenzene	6.70	146	532284	43.253	ng		99
13) 1,4-Dichlorobenzene	6.77	146	539740	43.829	ng		99
14) 1,2-Dichlorobenzene	6.93	146	499827	44.504	ng		99
15) Benzyl Alcohol	6.90	79	406735	48.637	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	361094	43.548	ng		77
17) 2-Methylphenol	7.02	107	390820	46.949	ng		94
18) Hexachloroethane	7.27	117	191398	43.443	ng		96
19) n-Nitroso-di-n-propylamine	7.17	70	321691	47.712	ng		96
20) 3+4-Methylphenols	7.17	107	474587	46.535	ng	#	81
22) Acetophenone	7.17	105	642753	47.355	ng	#	96
24) Nitrobenzene	7.34	77	489370	44.541	ng		99
25) Isophorone	7.58	82	898175	46.549	ng		99
26) 2-Nitrophenol	7.66	139	268136	46.060	ng		97
27) 2,4-Dimethylphenol	7.70	122	374112	47.351	ng		94
28) bis(2-Chloroethoxy)methane	7.79	93	545123	43.404	ng		100
29) 2,4-Dichlorophenol	7.90	162	429337	46.160	ng		100
30) 1,2,4-Trichlorobenzene	7.98	180	459649	41.681	ng		99
31) Naphthalene	8.06	128	1330256	43.725	ng		100
32) Benzoic acid	7.86	122	279454	48.409	ng		94
33) 4-Chloroaniline	8.11	127	271016	20.711	ng		99
34) Hexachlorobutadiene	8.18	225	281265	40.946	ng		97
35) Caprolactam	8.49	113	142517	49.763	ng	#	61
36) 4-Chloro-3-methylphenol	8.61	107	424873	45.136	ng		99
37) 2-Methylnaphthalene	8.75	142	870041	42.495	ng		98
38) 1-Methylnaphthalene	8.85	142	798137	41.451	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	415616	58.184	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	266731	99.934 ng		96
43) 2,4,6-Trichlorophenol	9.04	196	265829	58.931 ng		99
44) 2,4,5-Trichlorophenol	9.09	196	270950	57.241 ng	#	84
46) 1,1'-Biphenyl	9.22	154	935576	54.639 ng		99
47) 2-Chloronaphthalene	9.25	162	739262	53.576 ng		96
48) 2-Nitroaniline	9.34	65	234131	60.835 ng		93
49) Acenaphthylene	9.66	152	1011781	50.769 ng	#	93
50) Dimethylphthalate	9.52	163	913480	56.385 ng	#	95
51) 2,6-Dinitrotoluene	9.59	165	204345	56.773 ng		97
52) Acenaphthene	9.85	154	579895	48.257 ng		98
53) 3-Nitroaniline	9.75	138	116704	29.247 ng	#	88
54) 2,4-Dinitrophenol	9.88	184	73782	45.711 ng	#	53
55) Dibenzofuran	10.02	168	787066	43.881 ng		93
56) 4-Nitrophenol	9.93	139	207444	86.527 ng	#	36
57) 2,4-Dinitrotoluene	10.00	165	192541	41.270 ng	#	94
58) Fluorene	10.37	166	581750	41.740 ng	#	90
59) 2,3,4,6-Tetrachlorophenol	10.15	232	158364	39.650 ng	#	92
60) Diethylphthalate	10.23	149	632270	41.414 ng	#	90
61) 4-Chlorophenyl-phenylether	10.36	204	297039	40.264 ng	#	85
62) 4-Nitroaniline	10.37	138	96629	23.669 ng	#	74
63) Azobenzene	10.52	77	493667	37.201 ng		90
65) 4,6-Dinitro-2-methylphenol	10.42	198	50735	32.180 ng	#	1
66) n-Nitrosodiphenylamine	10.47	169	524327	61.460 ng		98
67) 4-Bromophenyl-phenylether	10.85	248	191928	56.356 ng	#	89
68) Hexachlorobenzene	10.94	284	235174	59.894 ng	#	86
69) Atrazine	11.00	200	190841	64.026 ng		79
70) Pentachlorophenol	11.13	266	159077	100.574 ng		98
71) Phenanthrene	11.34	178	687753	48.403 ng	#	88
72) Anthracene	11.39	178	684550	48.218 ng	#	93
73) Carbazole	11.53	167	582152	46.028 ng	#	89
74) Di-n-butylphthalate	11.86	149	737634	48.160 ng	#	94
75) Fluoranthene	12.52	202	730182	48.414 ng		96
77) Benzidine	12.63	184	210960	19.173 ng	#	71
78) Pyrene	12.75	202	745604	34.320 ng		98
80) Butylbenzylphthalate	13.35	149	365231	39.944 ng		96
81) Benzo(a)anthracene	13.92	228	803902	43.608 ng		99
82) 3,3'-Dichlorobenzidine	13.87	252	203837	28.476 ng	#	97
83) Chrysene	13.96	228	777929	42.351 ng		99
84) Bis(2-ethylhexyl)phthalate	13.90	149	545010	47.181 ng		97
85) Di-n-octyl phthalate	14.50	149	999059	54.282 ng	#	93
86) Indeno(1,2,3-cd)pyrene	16.76	276	1141002	64.152 ng		98
88) Benzo(b)fluoranthene	14.94	252	972825	46.108 ng		99
89) Benzo(k)fluoranthene	14.97	252	826151	42.253 ng		99
90) Benzo(a)pyrene	15.29	252	839491	44.086 ng		98
91) Dibenzo(a,h)anthracene	16.76	278	960140	57.305 ng		97
92) Benzo(g,h,i)perylene	17.17	276	994760	60.089 ng		97

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

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