Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
Data File : BF109962.D
Acq On : 18 Oct 2018 15:37
Operator : JU/SJ
Sample : J5575-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1015-S-DH-27MSD

Manual Integrations APPROVED
Sohil
10/19/2018 12:08:39 PM

Quant Time: Oct 19 02:57:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	234548	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	905778	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	409116	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	720568	20.00	ng		0.00
76) Chrysene-d12	14.16	240	421160	20.00	ng		0.00
87) Perylene-d12	15.68	264	436020	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1496368	101.13	ng		0.00
7) Phenol-d6	6.60	99	1898824	103.35	ng		0.00
23) Nitrobenzene-d5	7.55	82	1196984	89.02	ng		0.00
42) 2,4,6-Tribromophenol	10.82	330	432258	122.04	ng		0.00
45) 2-Fluorobiphenyl	9.34	172	1966700	76.71	ng		0.00
79) Terphenyl-d14	13.10	244	1539318	76.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	189660	22.568	ng		93
3) Pyridine	3.68	79	548018	29.249	ng		90
4) n-Nitrosodimethylamine	3.64	42	266445	34.861	ng	#	98
6) Aniline	6.64	93	757288	30.584	ng	#	53
8) 2-Chlorophenol	6.76	128	562062	33.911	ng		98
9) Benzaldehyde	6.53	77	343920	28.804	ng		98
10) Phenol	6.62	94	822597	41.467	ng	#	63
11) bis(2-Chloroethyl)ether	6.71	93	535643	32.294	ng		93
12) 1,3-Dichlorobenzene	6.92	146	577306	31.764	ng		98
13) 1,4-Dichlorobenzene	6.99	146	583471	31.877	ng		97
14) 1,2-Dichlorobenzene	7.15	146	550307	32.650	ng		98
15) Benzyl Alcohol	7.12	79	482961	34.167	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.25	45	866925	31.844	ng		68
17) 2-Methylphenol	7.22	107	460521	34.457	ng	#	80
18) Hexachloroethane	7.49	117	214430	33.151	ng		97
19) n-Nitroso-di-n-propylamine	7.39	70	378975	32.124	ng		98
20) 3+4-Methylphenols	7.37	107	568305	33.508	ng		97
22) Acetophenone	7.39	105	749502	35.681	ng	#	98
24) Nitrobenzene	7.56	77	570006	39.023	ng		91
25) Isophorone	7.80	82	1041290	39.413	ng		95
26) 2-Nitrophenol	7.87	139	294928	48.697	ng		90
27) 2,4-Dimethylphenol	7.90	122	511848	40.221	ng		97
28) bis(2-Chloroethoxy)methane	8.00	93	666785	36.774	ng		99
29) 2,4-Dichlorophenol	8.11	162	466446	37.784	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	488905	35.370	ng		96
31) Naphthalene	8.29	128	1566638	37.718	ng		100
32) Benzoic acid	7.95	122	27254	3.437	ng		87
33) 4-Chloroaniline	8.33	127	493417	26.427	ng		98
34) Hexachlorobutadiene	8.39	225	264083	34.647	ng		98
35) Caprolactam	8.69	113	158791m	36.218	ng		
36) 4-Chloro-3-methylphenol	8.80	107	473121	36.329	ng		92
37) 2-Methylnaphthalene	8.97	142	1050118	39.044	ng		97
38) 1-Methylnaphthalene	9.07	142	992338	38.076	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	442405	35.108	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	517493	85.085	ng		98
43) 2,4,6-Trichlorophenol	9.25	196	306263	38.869	ng		94
44) 2,4,5-Trichlorophenol	9.29	196	325387	39.789	ng		96
46) 1,1'-Biphenyl	9.44	154	1240488	34.032	ng		100
47) 2-Chloronaphthalene	9.47	162	940904	35.044	ng		98
48) 2-Nitroaniline	9.56	65	300359	43.591	ng		98
49) Acenaphthylene	9.89	152	1469740	37.681	ng		98
50) Dimethylphthalate	9.74	163	1276543	44.066	ng		100
51) 2,6-Dinitrotoluene	9.80	165	243780	44.306	ng		99
52) Acenaphthene	10.06	154	931222	37.500	ng		99
53) 3-Nitroaniline	9.97	138	229656	34.312	ng		92
54) 2,4-Dinitrophenol	10.07	184	88052	53.550	ng	#	82
55) Dibenzofuran	10.23	168	1283957	36.255	ng		97
56) 4-Nitrophenol	10.13	139	526945	103.180	ng		91
57) 2,4-Dinitrotoluene	10.20	165	318584	46.043	ng	#	88
58) Fluorene	10.57	166	978453	37.954	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	261127	40.290	ng		95
60) Diethylphthalate	10.43	149	1051619	36.754	ng		99
61) 4-Chlorophenyl-phenylether	10.56	204	474037	35.299	ng		97
62) 4-Nitroaniline	10.59	138	251889	39.757	ng		91
63) Azobenzene	10.72	77	1012455	33.872	ng		96
65) 4,6-Dinitro-2-methylphenol	10.61	198	104711	41.411	ng		88
66) n-Nitrosodiphenylamine	10.68	169	874998	36.459	ng		96
67) 4-Bromophenyl-phenylether	11.05	248	282297	36.150	ng		92
68) Hexachlorobenzene	11.12	284	298667	35.866	ng	#	90
69) Atrazine	11.20	200	288997	38.551	ng		98
70) Pentachlorophenol	11.31	266	280793	59.250	ng		98
71) Phenanthrene	11.54	178	1378980	36.966	ng		100
72) Anthracene	11.59	178	1423211	37.948	ng		99
73) Carbazole	11.74	167	1195783	32.442	ng		100
74) Di-n-butylphthalate	12.06	149	1516753	36.872	ng		100
75) Fluoranthene	12.73	202	1232620	33.076	ng		99
77) Benzidine	12.85	184	699788	43.336	ng		97
78) Pyrene	12.96	202	1182136	38.216	ng		99
80) Butylbenzylphthalate	13.57	149	531693	42.516	ng		90
81) Benzo(a)anthracene	14.14	228	927985	37.408	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	292899	33.678	ng		99
83) Chrysene	14.19	228	871005	36.887	ng		100
84) Bis(2-ethylhexyl)phthalate	14.12	149	696161	42.305	ng	#	95
85) Di-n-octyl phthalate	14.74	149	1170160	50.438	ng		100
86) Indeno(1,2,3-cd)pyrene	17.25	276	1024745	53.900	ng	#	95
88) Benzo(b)fluoranthene	15.23	252	962215	38.278	ng		97
89) Benzo(k)fluoranthene	15.26	252	846427	34.162	ng		98
90) Benzo(a)pyrene	15.62	252	875761	37.880	ng		98
91) Dibenzo(a,h)anthracene	17.27	278	851370	41.553	ng		98
92) Benzo(g,h,i)perylene	17.73	276	833432	40.260	ng		97

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

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