Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF103001.D
Acq On : 14 Feb 2018 20:35
Operator : SJ/JU
Sample : J1539-22MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(2-4)MSD

Manual Integrations APPROVED
Sohil
2/15/2018 11:06:42 AM

Quant Time: Feb 15 01:21:35 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 00:38:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	185278	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	729167	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	272998	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	374330	20.00	ng		0.00
75) Chrysene-d12	14.05	240	292657	20.00	ng		0.01
86) Perylene-d12	15.54	264	225870	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1233111	101.07	ng		0.02
7) Phenol-d6	6.52	99	1430351	97.37	ng		0.02
23) Nitrobenzene-d5	7.45	82	887665	84.45	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	187729	85.44	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1205863	73.30	ng		0.00
78) Terphenyl-d14	12.99	244	818613	66.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	191472	31.775	ng		87
3) Pyridine	3.49	79	535987	32.194	ng		90
4) n-Nitrosodimethylamine	3.43	42	270203	37.933	ng		99
6) Aniline	6.55	93	316952	14.611	ng		95
8) 2-Chlorophenol	6.67	128	451909	35.980	ng		98
9) Benzaldehyde	6.43	77	124847	11.444	ng		98
10) Phenol	6.53	94	598595	38.024	ng		94
11) bis(2-Chloroethyl)ether	6.62	93	462817	35.330	ng		92
12) 1,3-Dichlorobenzene	6.82	146	470061	32.318	ng		100
13) 1,4-Dichlorobenzene	6.90	146	481436	33.229	ng		100
14) 1,2-Dichlorobenzene	7.05	146	443009	32.828	ng		99
15) Benzyl Alcohol	7.02	79	385002	34.090	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	794904	31.944	ng		99
17) 2-Methylphenol	7.13	107	382374	33.004	ng		98
18) Hexachloroethane	7.39	117	137474	27.670	ng		92
19) n-Nitroso-di-n-propylamine	7.29	70	301363	31.116	ng		95
20) 3+4-Methylphenols	7.29	107	445322	31.170	ng	#	66
22) Acetophenone	7.29	105	600218	33.638	ng	#	93
24) Nitrobenzene	7.46	77	470322	38.028	ng		99
25) Isophorone	7.70	82	870900	35.982	ng		99
26) 2-Nitrophenol	7.77	139	123522	28.593	ng		94
27) 2,4-Dimethylphenol	7.82	122	386253	37.773	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	558197	38.931	ng		99
29) 2,4-Dichlorophenol	8.02	162	330402	35.544	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	341405	32.465	ng		99
31) Naphthalene	8.19	128	1232467	34.595	ng		99
32) Benzoic acid	7.95	122	14773	10.508	ng	#	36
33) 4-Chloroaniline	8.23	127	161303	10.510	ng		100
34) Hexachlorobutadiene	8.30	225	173588	32.214	ng		99
35) Caprolactam	8.60	113	104126	32.255	ng	#	71
36) 4-Chloro-3-methylphenol	8.72	107	343584	32.896	ng		98
37) 2-Methylnaphthalene	8.87	142	823505	35.306	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	281733	37.902	ng		99
42) 2,4,6-Trichlorophenol	9.15	196	180615	36.993	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.20	196	182097	33.091	ng		99
45) 1,1'-Biphenyl	9.34	154	831794	36.175	ng		100
46) 2-Chloronaphthalene	9.36	162	639461	35.325	ng		99
47) 2-Nitroaniline	9.46	65	245882	44.306	ng		93
48) Acenaphthylene	9.78	152	906270	32.233	ng		99
49) Dimethylphthalate	9.63	163	931612	43.766	ng		100
50) 2,6-Dinitrotoluene	9.70	165	134073	33.107	ng		90
51) Acenaphthene	9.95	154	522491	31.074	ng		99
52) 3-Nitroaniline	9.87	138	183250	36.775	ng		97
53) 2,4-Dinitrophenol	10.06	184	123	8.091	ng	#	1
54) Dibenzofuran	10.12	168	771102	32.542	ng		97
55) 4-Nitrophenol	10.03	139	206008	51.801	ng		93
56) 2,4-Dinitrotoluene	10.10	165	149773	28.884	ng		97
57) Fluorene	10.47	166	564552	32.746	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	113646	29.797	ng	#	97
59) Diethylphthalate	10.33	149	693470	32.994	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	260233	34.121	ng		99
61) 4-Nitroaniline	10.49	138	180644	38.086	ng		91
62) Azobenzene	10.62	77	627771	29.898	ng		95
64) 4,6-Dinitro-2-methylphenol	10.52	198	791	9.262	ng	#	1
65) n-Nitrosodiphenylamine	10.57	169	520948	39.455	ng		100
66) 4-Bromophenyl-phenylether	10.95	248	147972	37.369	ng		98
67) Hexachlorobenzene	11.02	284	145689	33.351	ng		96
68) Atrazine	11.10	200	138745	35.619	ng		96
69) Pentachlorophenol	11.21	266	124398	48.512	ng		100
70) Phenanthrene	11.43	178	813087	39.001	ng		99
71) Anthracene	11.49	178	746642	35.212	ng		99
72) Carbazole	11.64	167	692458	33.334	ng		100
73) Di-n-butylphthalate	11.96	149	912216	36.150	ng		98
74) Fluoranthene	12.62	202	829088	39.527	ng		98
76) Benzidine	12.74	184	41178	3.061	ng	#	93
77) Pyrene	12.86	202	850195	37.047	ng		99
79) Butylbenzylphthalate	13.46	149	386401	35.473	ng		97
80) Benzo(a)anthracene	14.04	228	724511m	39.364	ng		
81) 3,3'-Dichlorobenzidine	14.00	252	147232	21.575	ng		97
82) Chrysene	14.08	228	757563	40.831	ng		97
83) Bis(2-ethylhexyl)phthalate	14.02	149	544596	38.739	ng		100
84) Di-n-octyl phthalate	14.63	149	929309	44.025	ng		98
85) Indeno(1,2,3-cd)pyrene	17.04	276	454777	29.554	ng		98
87) Benzo(b)fluoranthene	15.10	252	611498	41.758	ng		97
88) Benzo(k)fluoranthene	15.13	252	488451	34.909	ng		98
89) Benzo(a)pyrene	15.47	252	486170	36.883	ng	#	96
90) Dibenzo(a,h)anthracene	17.06	278	366988	34.301	ng		97
91) Benzo(g,h,i)perylene	17.50	276	379075	36.199	ng		96

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

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