Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119248.D
Acq On : 6 Mar 2020 9:42
Operator : CG/JU
Sample : L1721-02MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRITMSD

Manual Integrations APPROVED
mohammad
3/9/2020 8:27:43 AM

Quant Time: Mar 06 14:21:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	143685	20.00	ng		-0.02
21) Naphthalene-d8	8.00	136	557288	20.00	ng		-0.03
39) Acenaphthene-d10	9.76	164	291732	20.00	ng		-0.02
64) Phenanthrene-d10	11.25	188	481896	20.00	ng		-0.02
76) Chrysene-d12	13.89	240	277199	20.00	ng		-0.02
87) Perylene-d12	15.31	264	326099	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	933833	108.61	ng		0.00
7) Phenol-d6	6.39	99	1043369	99.78	ng		-0.02
23) Nitrobenzene-d5	7.29	82	801556	75.94	ng		-0.03
42) 2,4,6-Tribromophenol	10.56	330	398409	104.40	ng		-0.02
45) 2-Fluorobiphenyl	9.09	172	1575232	79.55	ng		-0.02
79) Terphenyl-d14	12.82	244	1377813	85.58	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	128809	33.649	ng	#	80
3) Pyridine	3.39	79	176729	16.905	ng		96
4) n-Nitrosodimethylamine	3.22	42	125849	39.738	ng		95
6) Aniline	6.40	93	129477	10.035	ng	#	1
8) 2-Chlorophenol	6.52	128	398455	42.943	ng		99
9) Benzaldehyde	6.28	77	252872	36.196	ng		100
10) Phenol	6.40	94	402125	35.569	ng		86
11) bis(2-Chloroethyl)ether	6.46	93	371595	42.958	ng		99
12) 1,3-Dichlorobenzene	6.67	146	411350	36.988	ng		100
13) 1,4-Dichlorobenzene	6.74	146	423889	38.090	ng		99
14) 1,2-Dichlorobenzene	6.90	146	389706	38.397	ng		99
15) Benzyl Alcohol	6.88	79	334118	44.211	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	285211	38.062	ng	#	32
17) 2-Methylphenol	7.00	107	309033	41.080	ng	#	92
18) Hexachloroethane	7.23	117	147880	37.142	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	270667	44.422	ng		98
20) 3+4-Methylphenols	7.16	107	433343	47.019	ng	#	85
22) Acetophenone	7.14	105	543245	42.131	ng	#	95
24) Nitrobenzene	7.31	77	410547	39.334	ng		98
25) Isophorone	7.55	82	736635	40.187	ng		99
26) 2-Nitrophenol	7.63	139	220136	39.805	ng		99
27) 2,4-Dimethylphenol	7.67	122	334740	44.599	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	450953	37.796	ng		99
29) 2,4-Dichlorophenol	7.88	162	343438	38.868	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	377122	35.998	ng		99
31) Naphthalene	8.03	128	1117740	38.674	ng		99
32) Benzoic acid	7.85	122	204252	38.785	ng		98
33) 4-Chloroaniline	8.09	127	84703	6.814	ng		98
34) Hexachlorobutadiene	8.15	225	227822	34.912	ng		99
35) Caprolactam	8.47	113	76186m	28.002	ng		
36) 4-Chloro-3-methylphenol	8.59	107	359456	40.197	ng		96
37) 2-Methylnaphthalene	8.72	142	772947	39.740	ng		99
38) 1-Methylnaphthalene	8.82	142	720103	39.367	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	378906	38.522	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	79322	28.948 ng	100
43) 2,4,6-Trichlorophenol	9.01	196	247480	39.843 ng	98
44) 2,4,5-Trichlorophenol	9.06	196	249735	38.315 ng	98
46) 1,1'-Biphenyl	9.19	154	928641	39.386 ng	97
47) 2-Chloronaphthalene	9.21	162	728281	38.330 ng	98
48) 2-Nitroaniline	9.32	65	210071	39.640 ng	99
49) Acenaphthylene	9.62	152	1101102	40.125 ng	99
50) Dimethylphthalate	9.49	163	988215	44.298 ng	100
51) 2,6-Dinitrotoluene	9.56	165	200194	40.392 ng	92
52) Acenaphthene	9.79	154	651878	39.395 ng	99
53) 3-Nitroaniline	9.73	138	65089	11.846 ng	99
54) 2,4-Dinitrophenol	9.85	184	107476	47.924 ng	96
55) Dibenzofuran	9.97	168	966966	39.151 ng	99
56) 4-Nitrophenol	9.92	139	150313	45.532 ng	98
57) 2,4-Dinitrotoluene	9.97	165	248323	38.654 ng	98
58) Fluorene	10.31	166	776608	40.466 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	209396	38.073 ng	99
60) Diethylphthalate	10.19	149	864797	41.136 ng	100
61) 4-Chlorophenyl-phenylether	10.30	204	405814	39.948 ng	99
62) 4-Nitroaniline	10.35	138	145864	25.947 ng	96
63) Azobenzene	10.46	77	740034	40.498 ng	95
65) 4,6-Dinitro-2-methylphenol	10.38	198	92600	31.756 ng	99
66) n-Nitrosodiphenylamine	10.42	169	703612	44.592 ng	100
67) 4-Bromophenyl-phenylether	10.79	248	258221	40.994 ng	96
68) Hexachlorobenzene	10.86	284	283158	38.990 ng	99
69) Atrazine	10.95	200	219602	39.833 ng	98
70) Pentachlorophenol	11.06	266	214245	73.234 ng	97
71) Phenanthrene	11.27	178	1060550	40.355 ng	98
72) Anthracene	11.32	178	1086141	41.364 ng	99
73) Carbazole	11.48	167	916893	39.195 ng	98
74) Di-n-butylphthalate	11.80	149	1218427	43.010 ng	99
75) Fluoranthene	12.46	202	948129	33.988 ng	99
77) Benzidine	12.57	184	258533	22.933 ng	100
78) Pyrene	12.69	202	922861	41.461 ng	98
80) Butylbenzylphthalate	13.29	149	400512	42.753 ng	95
81) Benzo(a)anthracene	13.87	228	788140	41.728 ng	98
82) 3,3'-Dichlorobenzidine	13.83	252	218289	29.764 ng	97
83) Chrysene	13.91	228	750986	39.904 ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	535113	45.214 ng	99
85) Di-n-octyl phthalate	14.46	149	865485	45.897 ng	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	864037	47.416 ng	100
88) Benzo(b)fluoranthene	14.90	252	836239	38.904 ng	98
89) Benzo(k)fluoranthene	14.93	252	806793	40.503 ng	98
90) Benzo(a)pyrene	15.25	252	753987	38.866 ng	99
91) Dibenzo(a,h)anthracene	16.72	278	743410	43.552 ng	99
92) Benzo(g,h,i)perylene	17.13	276	684638	40.594 ng	98

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

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