Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070920\
Data File : BF120812.D
Acq On : 9 Jul 2020 12:04
Operator : JU/CG
Sample : L3216-02
Misc : LOO-SOIL-10PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Manual Integrations APPROVED
mohammad
7/10/2020 11:49:34 AM

Quant Time: Jul 09 12:52:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 09 11:36:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	133482	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	503573	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	251097	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	442635	20.00	ng	0.00
76) Chrysene-d12	14.00	240	339715	20.00	ng	0.00
86) Perylene-d12	15.46	264	282120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	851099	98.43	ng	0.00
7) Phenol-d6	6.47	99	1069189	96.82	ng	0.00
23) Nitrobenzene-d5	7.41	82	693781	79.82	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	261991	103.86	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1267318	76.36	ng	0.00
79) Terphenyl-d14	12.96	244	1056206	60.87	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.58	88	41357	10.470	ng	99
3) Pyridine	3.36	79	78250	7.232	ng	97
4) n-Nitrosodimethylamine	3.26	42	46724	8.632	ng	97
6) Aniline	6.50	93	134465	9.481	ng	99
8) 2-Chlorophenol	6.63	128	85745	9.314	ng	95
9) Benzaldehyde	6.39	77	74938	11.410	ng	98
10) Phenol	6.48	94	106258	9.354	ng	94
11) bis(2-Chloroethyl)ether	6.58	93	84756	9.169	ng	98
12) 1,3-Dichlorobenzene	6.79	146	93272	9.204	ng	97
13) 1,4-Dichlorobenzene	6.86	146	94434	9.304	ng	100
14) 1,2-Dichlorobenzene	7.02	146	89927	9.313	ng	100
15) Benzyl Alcohol	6.98	79	81262	9.794	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	124825	8.657	ng	99
17) 2-Methylphenol	7.09	107	67430	8.187	ng	98
18) Hexachloroethane	7.36	117	35356	9.268	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	60763	9.139	ng	99
20) 3+4-Methylphenols	7.24	107	87993	8.675	ng	93
22) Acetophenone	7.25	105	127108	10.155	ng	96
24) Nitrobenzene	7.42	77	94447	9.678	ng	94
25) Isophorone	7.66	82	160290	8.551	ng	97
26) 2-Nitrophenol	7.74	139	31209	8.748	ng	96
27) 2,4-Dimethylphenol	7.77	122	70451	9.415	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	101746	9.172	ng	98
29) 2,4-Dichlorophenol	7.98	162	63366	8.483	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	74861	8.923	ng	99
31) Naphthalene	8.15	128	251200	9.334	ng	98
32) Benzoic acid	7.83	122	25897m	6.395	ng	
33) 4-Chloroaniline	8.19	127	99979	8.755	ng	95
34) Hexachlorobutadiene	8.27	225	43364	8.594	ng	99
35) Caprolactam	8.52	113	17566	8.070	ng	94
36) 4-Chloro-3-methylphenol	8.67	107	66170	8.516	ng	96
37) 2-Methylnaphthalene	8.84	142	158844	9.080	ng	97
38) 1-Methylnaphthalene	8.94	142	150780	9.201	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	72328	9.531	ng	98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 09 11:36:34 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	36098	8.051	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	40610	7.853	ng		97
44) 2,4,5-Trichlorophenol	9.15	196	43729	7.620	ng		94
46) 1,1'-Biphenyl	9.30	154	202593	10.003	ng		97
47) 2-Chloronaphthalene	9.33	162	143478	8.842	ng		99
48) 2-Nitroaniline	9.42	65	40032	9.221	ng		88
49) Acenaphthylene	9.75	152	227883	8.958	ng		98
50) Dimethylphthalate	9.60	163	159810	8.725	ng		98
51) 2,6-Dinitrotoluene	9.66	165	30034	9.076	ng		88
52) Acenaphthene	9.92	154	138113	8.751	ng		97
53) 3-Nitroaniline	9.83	138	34629	8.470	ng		94
54) 2,4-Dinitrophenol	9.93	184	4491	4.109	ng	#	21
55) Dibenzofuran	10.09	168	208491	9.165	ng		98
56) 4-Nitrophenol	9.97	139	22881	7.620	ng		99
57) 2,4-Dinitrotoluene	10.06	165	35880	9.031	ng		95
58) Fluorene	10.43	166	157459	9.299	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	35437	8.298	ng	#	88
60) Diethylphthalate	10.30	149	160474	8.410	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	76331	8.967	ng		94
62) 4-Nitroaniline	10.43	138	33613	8.637	ng		94
63) Azobenzene	10.59	77	174482	8.939	ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	9367	6.586	ng		97
66) n-Nitrosodiphenylamine	10.54	169	132406	8.925	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	41396	8.062	ng		97
68) Hexachlorobenzene	10.97	284	45307	8.409	ng		98
69) Atrazine	11.06	200	37645	9.849	ng		95
70) Pentachlorophenol	11.17	266	19606	6.432	ng		97
71) Phenanthrene	11.39	178	218565	9.100	ng		99
72) Anthracene	11.44	178	222422	9.165	ng		99
73) Carbazole	11.59	167	202196	8.670	ng		99
74) Di-n-butylphthalate	11.93	149	229803	7.959	ng		99
75) Fluoranthene	12.58	202	219887	8.595	ng		96
77) Benzidine	12.70	184	89314	9.314	ng		96
78) Pyrene	12.80	202	230780	8.506	ng		98
80) Butylbenzylphthalate	13.43	149	80234	6.850	ng		99
81) Benzo(a)anthracene	13.99	228	196500	9.024	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	58941	8.021	ng	#	95
83) Chrysene	14.03	228	183143	8.245	ng		98
84) Bis(2-ethylhexyl)phthalate	13.99	149	123792	8.059	ng	#	99
85) Di-n-octyl phthalate	14.61	149	164218	6.043	ng		97
87) Indeno(1,2,3-cd)pyrene	16.91	276	140550	7.767	ng		97
88) Benzo(b)fluoranthene	15.04	252	146781	7.914	ng		98
89) Benzo(k)fluoranthene	15.07	252	160529	8.895	ng		98
90) Benzo(a)pyrene	15.40	252	132081	7.983	ng		98
91) Dibenzo(a,h)anthracene	16.93	278	121667	8.067	ng		99
92) Benzo(g,h,i)perylene	17.34	276	114830	8.331	ng		98

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

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