Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042821\
Data File : BF123755.D
Acq On : 28 Apr 2021 11:17
Operator : JU/CG
Sample : M1458-01
Misc : LOD-MDL-SOIL-8PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED
mohammad
4/29/2021 5:44:34 PM

Quant Time: Apr 28 11:42:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 28 11:20:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	224561	20.00	ng		0.00
21) Naphthalene-d8	8.092	136	800685	20.00	ng		0.00
39) Acenaphthene-d10	9.851	164	400056	20.00	ng		0.00
64) Phenanthrene-d10	11.333	188	773295	20.00	ng		0.00
76) Chrysene-d12	13.974	240	659405	20.00	ng		#-0.01
86) Perylene-d12	15.433	264	583046	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1722250	121.50	ng		0.00
7) Phenol-d6	6.445	99	2342396	119.96	ng		0.00
23) Nitrobenzene-d5	7.375	82	1567112	88.35	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	641871	128.88	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	2353063	85.66	ng		0.00
79) Terphenyl-d14	12.927	244	2750457	80.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.504	88	59459	7.79	ng		97
3) Pyridine	3.293	79	130899	7.01	ng		91
4) n-Nitrosodimethylamine	3.175	42	79935	7.78	ng	#	97
6) Aniline	6.469	93	214517	9.50	ng		96
8) 2-Chlorophenol	6.592	128	128598	8.43	ng		95
9) Benzaldehyde	6.357	77	123868	13.11	ng		99
10) Phenol	6.457	94	175595	8.37	ng		97
11) bis(2-Chloroethyl)ether	6.545	93	134026	8.75	ng		96
12) 1,3-Dichlorobenzene	6.751	146	133527m	8.67	ng		
13) 1,4-Dichlorobenzene	6.828	146	132123	8.48	ng		97
14) 1,2-Dichlorobenzene	6.981	146	122204	8.07	ng		95
15) Benzyl Alcohol	6.945	79	139146	9.09	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.086	45	282727	8.68	ng		99
17) 2-Methylphenol	7.063	107	107613	8.28	ng		95
18) Hexachloroethane	7.322	117	51335	8.32	ng		95
19) n-Nitroso-di-n-propyla...	7.216	70	105272	8.73	ng		100
20) 3+4-Methylphenols	7.216	107	143633	8.69	ng	#	79
22) Acetophenone	7.216	105	205413	9.44	ng	#	97
24) Nitrobenzene	7.386	77	157976	8.55	ng		95
25) Isophorone	7.622	82	270489	8.13	ng		97
26) 2-Nitrophenol	7.704	139	63245	8.39	ng		97
27) 2,4-Dimethylphenol	7.745	122	114078	9.63	ng		93
28) bis(2-Chloroethoxy)met...	7.839	93	160770	9.49	ng		99
29) 2,4-Dichlorophenol	7.951	162	96760	8.29	ng		96
30) 1,2,4-Trichlorobenzene	8.033	180	108058	8.83	ng		99
31) Naphthalene	8.116	128	367653	8.92	ng		97
32) Benzoic acid	7.828	122	26134	3.51	ng		92
33) 4-Chloroaniline	8.163	127	154290	8.97	ng		96
34) Hexachlorobutadiene	8.233	225	64081	8.60	ng		99
35) Caprolactam	8.492	113	34673	8.46	ng		94
36) 4-Chloro-3-methylphenol	8.639	107	121657	8.35	ng		97
37) 2-Methylnaphthalene	8.804	142	243492	9.06	ng		98
38) 1-Methylnaphthalene	8.904	142	226589	8.97	ng		100
40) 1,2,4,5-Tetrachloroben...	8.975	216	106853	9.08	ng		97
41) Hexachlorocyclopentadiene	8.963	237	33274	7.13	ng		99
43) 2,4,6-Trichlorophenol	9.086	196	65522	8.08	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	68163	7.83	ng		97
46) 1,1'-Biphenyl	9.269	154	311110	9.49	ng		95
47) 2-Chloronaphthalene	9.292	162	222854	9.02	ng		95
48) 2-Nitroaniline	9.386	65	90871	8.35	ng		97
49) Acenaphthylene	9.710	152	364100	9.13	ng		99
50) Dimethylphthalate	9.563	163	250414	8.89	ng		99
51) 2,6-Dinitrotoluene	9.627	165	53161	8.16	ng		95
52) Acenaphthene	9.880	154	218775	9.00	ng		98
53) 3-Nitroaniline	9.792	138	67561	8.68	ng		97
54) 2,4-Dinitrophenol	9.904	184	14854	4.29	ng		91
55) Dibenzofuran	10.051	168	324882	8.84	ng		98
56) 4-Nitrophenol	9.963	139	41001	7.24	ng		94
57) 2,4-Dinitrotoluene	10.027	165	73899	8.32	ng	#	89
58) Fluorene	10.392	166	262571	9.30	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.169	232	52847	7.67	ng		98
60) Diethylphthalate	10.269	149	267524	8.92	ng		99
61) 4-Chlorophenyl-phenyle...	10.386	204	120828	9.18	ng		98
62) 4-Nitroaniline	10.404	138	67004	8.69	ng		92
63) Azobenzene	10.551	77	296218	8.59	ng		98
65) 4,6-Dinitro-2-methylph...	10.439	198	27617	5.76	ng		90
66) n-Nitrosodiphenylamine	10.504	169	223806	8.85	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	71365	8.76	ng		96
68) Hexachlorobenzene	10.945	284	84149	9.08	ng		97
69) Atrazine	11.027	200	70521	9.22	ng		97
70) Pentachlorophenol	11.139	266	29147	6.17	ng		99
71) Phenanthrene	11.357	178	371740	9.16	ng		99
72) Anthracene	11.410	178	378057	9.37	ng		98
73) Carbazole	11.563	167	357258	8.76	ng		99
74) Di-n-butylphthalate	11.898	149	418880	9.15	ng		98
75) Fluoranthene	12.545	202	395451	8.94	ng		99
77) Benzidine	12.668	184	247421	14.49	ng		99
78) Pyrene	12.774	202	417688	8.16	ng		98
80) Butylbenzylphthalate	13.398	149	171688	7.85	ng		96
81) Benzo(a)anthracene	13.968	228	348881	8.73	ng		96
82) 3,3'-Dichlorobenzidine	13.927	252	128220	10.45	ng	#	97
83) Chrysene	14.004	228	341266	8.49	ng		98
84) Bis(2-ethylhexyl)phtha...	13.962	149	235593	8.67	ng		98
85) Di-n-octyl phthalate	14.574	149	374971	8.63	ng		97
87) Indeno(1,2,3-cd)pyrene	16.868	276	288506	8.50	ng		97
88) Benzo(b)fluoranthene	15.009	252	310453	7.90	ng		98
89) Benzo(k)fluoranthene	15.039	252	313713	8.37	ng		98
90) Benzo(a)pyrene	15.368	252	290528	8.65	ng		98
91) Dibenzo(a,h)anthracene	16.886	278	239312	8.35	ng		98
92) Benzo(g,h,i)perylene	17.309	276	226937	7.90	ng		95

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

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