Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122984.D
Acq On : 18 Jan 2021 12:53
Operator : JU/CG
Sample : M1100-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL-RBF-DARKMS

Manual Integrations APPROVED
mohammad
1/20/2021 2:15:11 PM

Quant Time: Jan 18 13:32:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 18 13:14:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	239270	20.00	ng		0.00
21) Naphthalene-d8	8.180	136	959918	20.00	ng		# 0.00
39) Acenaphthene-d10	9.939	164	505039	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	863182	20.00	ng		# 0.00
76) Chrysene-d12	14.074	240	637592	20.00	ng		# 0.00
86) Perylene-d12	15.551	264	551464	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1350822	85.34	ng		0.00
7) Phenol-d6	6.516	99	1726034	81.13	ng		0.00
23) Nitrobenzene-d5	7.457	82	1069488	57.33	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	474949	83.16	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	1856565	51.48	ng		0.00
79) Terphenyl-d14	13.015	244	1934559	55.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.745	88	138863	18.06	ng	#	61
3) Pyridine	3.498	79	775631	37.28	ng	#	74
4) n-Nitrosodimethylamine	3.451	42	405085	43.61	ng		83
6) Aniline	6.557	93	491211	19.14	ng		99
8) 2-Chlorophenol	6.681	128	761921	45.58	ng		94
9) Benzaldehyde	6.439	77	122927	8.74	ng		94
10) Phenol	6.533	94	1022828m	47.87	ng		
11) bis(2-Chloroethyl)ether	6.628	93	785188	45.39	ng		91
12) 1,3-Dichlorobenzene	6.839	146	816303	42.19	ng		97
13) 1,4-Dichlorobenzene	6.916	146	816932	41.94	ng		99
14) 1,2-Dichlorobenzene	7.069	146	792522	43.61	ng		99
15) Benzyl Alcohol	7.033	79	676533	45.12	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1257618	41.71	ng		91
17) 2-Methylphenol	7.145	107	635822	44.84	ng		97
18) Hexachloroethane	7.410	117	299619	42.55	ng		91
19) n-Nitroso-di-n-propyla...	7.310	70	558074	44.28	ng		93
20) 3+4-Methylphenols	7.292	107	785497	44.29	ng	#	84
22) Acetophenone	7.304	105	1024432	42.44	ng		98
24) Nitrobenzene	7.475	77	849242	44.42	ng		95
25) Isophorone	7.716	82	1524100	45.79	ng		98
26) 2-Nitrophenol	7.792	139	414866	48.04	ng		97
27) 2,4-Dimethylphenol	7.828	122	701054	50.98	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	945190	42.01	ng		99
29) 2,4-Dichlorophenol	8.033	162	632695	44.07	ng		97
30) 1,2,4-Trichlorobenzene	8.122	180	627506	41.03	ng		98
31) Naphthalene	8.204	128	2125110	43.06	ng		99
32) Benzoic acid	7.945	122	514968	44.57	ng		96
33) 4-Chloroaniline	8.245	127	191964	8.92	ng		97
34) Hexachlorobutadiene	8.322	225	339736	40.64	ng		99
35) Caprolactam	8.616	113	214914m	44.04	ng		
36) 4-Chloro-3-methylphenol	8.727	107	725503	47.51	ng		99
37) 2-Methylnaphthalene	8.892	142	1529129	44.92	ng		99
38) 1-Methylnaphthalene	8.992	142	1426315	44.36	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	579533	41.80	ng	#	97
41) Hexachlorocyclopentadiene	9.051	237	724740	107.61	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	463753	44.87	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	466573	44.49	ng		99
46) 1,1'-Biphenyl	9.357	154	1737042	42.29	ng		99
47) 2-Chloronaphthalene	9.386	162	1384120	40.39	ng		97
48) 2-Nitroaniline	9.474	65	470641	40.29	ng		85
49) Acenaphthylene	9.804	152	2116734	42.34	ng		100
50) Dimethylphthalate	9.663	163	1886334	48.12	ng		100
51) 2,6-Dinitrotoluene	9.716	165	376392	43.90	ng	#	83
52) Acenaphthene	9.974	154	1481759	45.85	ng		98
53) 3-Nitroaniline	9.880	138	205410	19.38	ng		93
54) 2,4-Dinitrophenol	9.992	184	349129	72.22	ng		97
55) Dibenzofuran	10.145	168	1927197	42.78	ng		98
56) 4-Nitrophenol	10.039	139	709168	90.78	ng	#	87
57) 2,4-Dinitrotoluene	10.121	165	509449	46.19	ng		98
58) Fluorene	10.486	166	1505526	42.73	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	372898m	44.55	ng		
60) Diethylphthalate	10.363	149	1625105	42.66	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	664642	41.95	ng		97
62) 4-Nitroaniline	10.498	138	377098	36.07	ng		95
63) Azobenzene	10.639	77	1621362	42.53	ng		96
65) 4,6-Dinitro-2-methylph...	10.527	198	234899	48.32	ng		80
66) n-Nitrosodiphenylamine	10.598	169	1358239	42.15	ng		99
67) 4-Bromophenyl-phenylether	10.968	248	438146	41.52	ng		94
68) Hexachlorobenzene	11.039	284	492099	40.78	ng		97
69) Atrazine	11.121	200	346992	40.44	ng		96
70) Pentachlorophenol	11.227	266	578196	91.10	ng		99
71) Phenanthrene	11.451	178	2142124	41.41	ng		99
72) Anthracene	11.504	178	2184132	42.72	ng		99
73) Carbazole	11.657	167	2068345	41.74	ng		100
74) Di-n-butylphthalate	11.992	149	2499631	42.63	ng		100
75) Fluoranthene	12.645	202	2185096	41.76	ng		99
77) Benzidine	12.757	184	498849	29.55	ng		99
78) Pyrene	12.874	202	2207085	43.23	ng		99
80) Butylbenzylphthalate	13.492	149	1081311	47.26	ng		98
81) Benzo(a)anthracene	14.062	228	1786622	41.87	ng		98
82) 3,3'-Dichlorobenzidine	14.021	252	318007	22.76	ng	#	98
83) Chrysene	14.104	228	1796202	41.74	ng		98
84) Bis(2-ethylhexyl)phtha...	14.057	149	1438436	47.15	ng		97
85) Di-n-octyl phthalate	14.668	149	2412158	48.89	ng		96
87) Indeno(1,2,3-cd)pyrene	17.045	276	1758567	50.62	ng	#	95
88) Benzo(b)fluoranthene	15.121	252	1734939	46.62	ng		98
89) Benzo(k)fluoranthene	15.151	252	1635741	42.87	ng		99
90) Benzo(a)pyrene	15.492	252	1478287	43.97	ng		98
91) Dibenzo(a,h)anthracene	17.062	278	1442435	50.67	ng	#	97
92) Benzo(g,h,i)perylene	17.492	276	1463591	53.12	ng	#	95

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

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