Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126611.D
Acq On : 20 Jan 2022 15:24
Operator : CG/JU
Sample : N1189-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/21/2022

Quant Time: Jan 20 16:39:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 19 07:04:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	88490	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	344238	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	180351	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	284589	20.000	ng		0.00
76) Chrysene-d12	14.145	240	160190	20.000	ng	#	0.00
86) Perylene-d12	15.674	264	191674	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	834635	124.115	ng		0.01
7) Phenol-d6	6.581	99	1158783	124.025	ng		0.00
23) Nitrobenzene-d5	7.528	82	849780	96.623	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	204641	121.247	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	979676	83.192	ng		0.00
79) Terphenyl-d14	13.086	244	769819	80.604	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.887	88	165549	49.950	ng		90
3) Pyridine	3.640	79	389256	41.927	ng	#	85
4) n-Nitrosodimethylamine	3.610	42	175747	53.500	ng		88
6) Aniline	6.628	93	426607	36.437	ng		98
8) 2-Chlorophenol	6.746	128	327766	53.140	ng		89
9) Benzaldehyde	6.516	77	288751	51.201	ng		82
10) Phenol	6.593	94	536076	53.946	ng		89
11) bis(2-Chloroethyl)ether	6.698	93	426738	52.919	ng		95
12) 1,3-Dichlorobenzene	6.904	146	357898	52.268	ng	#	91
13) 1,4-Dichlorobenzene	6.981	146	356939	51.621	ng		95
14) 1,2-Dichlorobenzene	7.134	146	345141	52.946	ng		96
15) Benzyl Alcohol	7.098	79	418408	50.230	ng		88
16) 2,2'-oxybis(1-Chloropr...	7.234	45	469301	51.010	ng		84
17) 2-Methylphenol	7.204	107	317112	52.294	ng	#	90
18) Hexachloroethane	7.481	117	148149	53.063	ng	#	89
19) n-Nitroso-di-n-propyla...	7.375	70	339838	49.836	ng	#	85
20) 3+4-Methylphenols	7.357	107	398206	50.644	ng	#	80
22) Acetophenone	7.375	105	552625	52.093	ng	#	90
24) Nitrobenzene	7.545	77	516907	56.933	ng	#	83
25) Isophorone	7.787	82	865584	50.749	ng	#	93
26) 2-Nitrophenol	7.863	139	153649	64.875	ng	#	72
27) 2,4-Dimethylphenol	7.893	122	320037	56.941	ng		86
28) bis(2-Chloroethoxy)met...	7.992	93	513678	48.289	ng		96
29) 2,4-Dichlorophenol	8.098	162	270998	50.830	ng		97
30) 1,2,4-Trichlorobenzene	8.187	180	283135	49.521	ng		96
31) Naphthalene	8.269	128	950994	51.139	ng		100
32) Benzoic acid	7.998	122	210553	66.040	ng	#	69
33) 4-Chloroaniline	8.310	127	99923	13.449	ng	#	88
34) Hexachlorobutadiene	8.381	225	181610	49.936	ng		97
35) Caprolactam	8.687	113	94141m	49.446	ng		
36) 4-Chloro-3-methylphenol	8.787	107	349232	50.091	ng		85
37) 2-Methylnaphthalene	8.963	142	603384	52.172	ng		99
38) 1-Methylnaphthalene	9.063	142	555660	49.570	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	272226	53.815	ng		98
41) Hexachlorocyclopentadiene	9.116	237	379040	123.070	ng		95
43) 2,4,6-Trichlorophenol	9.234	196	188651	52.314	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	194282	52.020	ng		89
46) 1,1'-Biphenyl	9.428	154	728872	53.644	ng		96
47) 2-Chloronaphthalene	9.451	162	557520	52.227	ng		97
48) 2-Nitroaniline	9.545	65	234407	63.598	ng	#	87
49) Acenaphthylene	9.869	152	889945	53.146	ng		99
50) Dimethylphthalate	9.728	163	639400	49.986	ng	#	99
51) 2,6-Dinitrotoluene	9.787	165	136375	61.698	ng	#	71
52) Acenaphthene	10.045	154	577183	56.381	ng		98
53) 3-Nitroaniline	9.951	138	67400	26.670	ng	#	70
54) 2,4-Dinitrophenol	10.063	184	100775	89.677	ng		89
55) Dibenzofuran	10.216	168	773889	50.303	ng		95
56) 4-Nitrophenol	10.104	139	212215	105.455	ng	#	50
57) 2,4-Dinitrotoluene	10.192	165	181050	67.595	ng		96
58) Fluorene	10.557	166	585643	50.420	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	159297	52.170	ng	#	86
60) Diethylphthalate	10.428	149	621900	48.909	ng		98
61) 4-Chlorophenyl-phenyle...	10.551	204	285218	49.166	ng		90
62) 4-Nitroaniline	10.575	138	124582	50.795	ng	#	65
63) Azobenzene	10.710	77	915724	48.664	ng		91
65) 4,6-Dinitro-2-methylph...	10.598	198	68475	50.000	ng		93
66) n-Nitrosodiphenylamine	10.669	169	499596	52.006	ng		99
67) 4-Bromophenyl-phenylether	11.039	248	173357	52.854	ng		96
68) Hexachlorobenzene	11.104	284	190256	54.368	ng		91
69) Atrazine	11.192	200	157240	51.251	ng		95
70) Pentachlorophenol	11.292	266	203875	100.189	ng		97
71) Phenanthrene	11.528	178	831147	51.119	ng		100
72) Anthracene	11.575	178	854831	52.401	ng		99
73) Carbazole	11.728	167	688999	44.987	ng		99
74) Di-n-butylphthalate	12.057	149	860452	46.590	ng	#	98
75) Fluoranthene	12.716	202	717959	44.706	ng		97
77) Benzidine	12.833	184	247558	44.798	ng		98
78) Pyrene	12.945	202	704480	54.382	ng		99
80) Butylbenzylphthalate	13.563	149	265489	47.173	ng	#	94
81) Benzo(a)anthracene	14.133	228	562449	51.657	ng		98
82) 3,3'-Dichlorobenzidine	14.098	252	102168	28.564	ng	#	95
83) Chrysene	14.174	228	558819	53.339	ng		99
84) Bis(2-ethylhexyl)phtha...	14.122	149	348021	45.660	ng	#	99
85) Di-n-octyl phthalate	14.751	149	592896	50.807	ng		95
87) Indeno(1,2,3-cd)pyrene	17.245	276	738443	62.354	ng	#	88
88) Benzo(b)fluoranthene	15.227	252	626904	49.321	ng	#	93
89) Benzo(k)fluoranthene	15.257	252	610715	48.935	ng	#	96
90) Benzo(a)pyrene	15.616	252	629214	60.841	ng	#	93
91) Dibenzo(a,h)anthracene	17.268	278	615714	62.758	ng	#	92
92) Benzo(g,h,i)perylene	17.727	276	627651	65.244	ng	#	87

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

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