Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022422\
Data File : BF127062.D
Acq On : 24 Feb 2022 17:33
Operator : CG\JU
Sample : N1650-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NW-SURFICIAL-SOIL-(NW-SS)MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/25/2022
Supervised By :Jagrut Upadhyay 02/25/2022

Quant Time: Feb 25 01:46:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 24 02:10:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	72744	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	280989	20.000	ng	#	0.00
39) Acenaphthene-d10	9.951	164	126345	20.000	ng		0.00
64) Phenanthrene-d10	11.439	188	177881	20.000	ng	#	0.00
76) Chrysene-d12	14.092	240	134803	20.000	ng	#	0.00
86) Perylene-d12	15.592	264	101221	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	435776	92.588	ng		0.00
7) Phenol-d6	6.540	99	566328	89.173	ng		0.00
23) Nitrobenzene-d5	7.469	82	414589	66.598	ng		0.00
42) 2,4,6-Tribromophenol	10.745	330	131429	90.348	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	630422	73.456	ng		0.00
79) Terphenyl-d14	13.027	244	465841	50.800	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	72941	33.868	ng	#	91
3) Pyridine	3.522	79	181334	32.100	ng	#	85
4) n-Nitrosodimethylamine	3.487	42	134656	48.661	ng	#	53
6) Aniline	6.575	93	108537	14.424	ng		91
8) 2-Chlorophenol	6.693	128	236948	46.921	ng		98
9) Benzaldehyde	6.457	77	151594	39.214	ng		96
10) Phenol	6.551	94	292166m	45.529	ng		
11) bis(2-Chloroethyl)ether	6.640	93	233141	46.321	ng		98
12) 1,3-Dichlorobenzene	6.845	146	255814	46.960	ng		95
13) 1,4-Dichlorobenzene	6.922	146	260619	47.191	ng		98
14) 1,2-Dichlorobenzene	7.075	146	246174	46.743	ng		98
15) Benzyl Alcohol	7.051	79	247460	46.252	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.175	45	317437	40.052	ng		88
17) 2-Methylphenol	7.163	107	199322	45.620	ng	#	91
18) Hexachloroethane	7.416	117	103941	49.101	ng		92
19) n-Nitroso-di-n-propyla...	7.316	70	187204	45.745	ng		94
20) 3+4-Methylphenols	7.310	107	259379	45.717	ng	#	87
22) Acetophenone	7.316	105	363328	49.110	ng		94
24) Nitrobenzene	7.492	77	280738	47.738	ng		97
25) Isophorone	7.728	82	480256	46.622	ng	#	98
26) 2-Nitrophenol	7.804	139	122306	48.847	ng	#	68
27) 2,4-Dimethylphenol	7.840	122	214990m	52.267	ng		
28) bis(2-Chloroethoxy)met...	7.934	93	277334	44.409	ng		99
29) 2,4-Dichlorophenol	8.051	162	178309	46.108	ng		99
30) 1,2,4-Trichlorobenzene	8.134	180	205175	47.456	ng		98
31) Naphthalene	8.216	128	695645	47.426	ng		99
32) Benzoic acid	7.969	122	134318	46.044	ng		87
33) 4-Chloroaniline	8.275	127	60536	10.485	ng		96
34) Hexachlorobutadiene	8.322	225	129526	51.316	ng		97
35) Caprolactam	8.628	113	53321m	39.484	ng		
36) 4-Chloro-3-methylphenol	8.745	107	238233	48.202	ng		94
37) 2-Methylnaphthalene	8.904	142	442990	46.543	ng		96
38) 1-Methylnaphthalene	9.004	142	409770	44.959	ng		100
40) 1,2,4,5-Tetrachloroben...	9.069	216	184887	55.591	ng		98
41) Hexachlorocyclopentadiene	9.051	237	116367	64.511	ng		96
43) 2,4,6-Trichlorophenol	9.181	196	119537	49.004	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.228	196	117955	45.952	ng		96
46)	1,1'-Biphenyl	9.369	154	516024	51.550	ng		97
47)	2-Chloronaphthalene	9.398	162	368771	49.679	ng		95
48)	2-Nitroaniline	9.492	65	135490	46.254	ng		93
49)	Acenaphthylene	9.816	152	582436	48.304	ng		98
50)	Dimethylphthalate	9.669	163	447313	49.531	ng		99
51)	2,6-Dinitrotoluene	9.733	165	89875	48.915	ng	#	84
52)	Acenaphthene	9.986	154	384988	49.094	ng		97
53)	3-Nitroaniline	9.904	138	55736	24.816	ng		90
54)	2,4-Dinitrophenol	10.010	184	56038	57.621	ng	#	86
55)	Dibenzofuran	10.157	168	481752	44.677	ng	#	88
56)	4-Nitrophenol	10.069	139	125252	75.506	ng	#	78
57)	2,4-Dinitrotoluene	10.139	165	112680	45.357	ng	#	95
58)	Fluorene	10.504	166	373130	44.424	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.275	232	84443	41.495	ng	#	97
60)	Diethylphthalate	10.369	149	443411	46.989	ng		100
61)	4-Chlorophenyl-phenyle...	10.492	204	180091	45.471	ng		99
62)	4-Nitroaniline	10.516	138	73371	33.082	ng	#	65
63)	Azobenzene	10.651	77	423896	40.341	ng		92
65)	4,6-Dinitro-2-methylph...	10.545	198	34076	32.603	ng		96
66)	n-Nitrosodiphenylamine	10.610	169	309836	53.119	ng		99
67)	4-Bromophenyl-phenylether	10.980	248	105815	53.241	ng	#	90
68)	Hexachlorobenzene	11.045	284	108958	50.925	ng	#	91
69)	Atrazine	11.133	200	93569	51.722	ng		98
70)	Pentachlorophenol	11.245	266	115714	99.074	ng		99
71)	Phenanthrene	11.469	178	513030	51.528	ng		99
72)	Anthracene	11.516	178	484165	48.848	ng		99
73)	Carbazole	11.675	167	390402	42.951	ng		98
74)	Di-n-butylphthalate	11.992	149	553204	47.342	ng	#	97
75)	Fluoranthene	12.657	202	505243	53.445	ng		93
77)	Benzidine	12.774	184	112669	30.756	ng	#	96
78)	Pyrene	12.892	202	513329	43.831	ng		99
80)	Butylbenzylphthalate	13.498	149	222324	40.099	ng		93
81)	Benzo(a)anthracene	14.080	228	448818	49.386	ng		99
82)	3,3'-Dichlorobenzidine	14.039	252	73866	25.791	ng	#	95
83)	Chrysene	14.116	228	424704	49.696	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.057	149	348477	47.874	ng	#	97
85)	Di-n-octyl phthalate	14.674	149	519634	49.581	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.127	276	273983	41.280	ng	#	82
88)	Benzo(b)fluoranthene	15.151	252	383448	56.403	ng	#	93
89)	Benzo(k)fluoranthene	15.180	252	340296	51.896	ng	#	93
90)	Benzo(a)pyrene	15.533	252	323771	60.971	ng	#	90
91)	Dibenzo(a,h)anthracene	17.139	278	230150	41.927	ng	#	89
92)	Benzo(g,h,i)perylene	17.592	276	230997	42.685	ng	#	83

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

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