Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111822\
Data File : BF131294.D
Acq On : 18 Nov 2022 11:40
Operator : CG\JU
Sample : N4955-02
Misc : LOQ-SOIL 5ppm
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 21 01:10:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 00:46:51 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	76895	20.000	ng		0.00
21) Naphthalene-d8	8.257	136	272071	20.000	ng		0.00
39) Acenaphthene-d10	10.028	164	154523	20.000	ng		0.00
64) Phenanthrene-d10	11.522	188	290237	20.000	ng		0.00
76) Chrysene-d12	14.174	240	200929	20.000	ng	#	0.00
86) Perylene-d12	15.715	264	139706	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	476669	113.462	ng		0.00
7) Phenol-d6	6.581	99	597537	112.195	ng		0.00
23) Nitrobenzene-d5	7.534	82	447126	87.787	ng		0.00
42) 2,4,6-Tribromophenol	10.816	330	156926	114.081	ng		0.00
45) 2-Fluorobiphenyl	9.339	172	900094	83.196	ng		0.00
79) Terphenyl-d14	13.122	244	996467	74.130	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	11188	5.760	ng		99
3) Pyridine	3.575	79	26099	4.822	ng		98
4) n-Nitrosodimethylamine	3.493	42	17344	5.165	ng		99
6) Aniline	6.628	93	40333	6.051	ng		97
8) 2-Chlorophenol	6.751	128	26245	5.644	ng		96
9) Benzaldehyde	6.516	77	24413	6.314	ng		98
10) Phenol	6.593	94	31713	5.380	ng		99
11) bis(2-Chloroethyl)ether	6.698	93	26723	5.632	ng		97
12) 1,3-Dichlorobenzene	6.910	146	29731	5.374	ng		97
13) 1,4-Dichlorobenzene	6.987	146	31120	5.532	ng		95
14) 1,2-Dichlorobenzene	7.140	146	29520	5.638	ng		99
15) Benzyl Alcohol	7.128	79	8741	1.927	ng	#	50
16) 2,2'-oxybis(1-Chloropr...	7.240	45	50991	5.676	ng		95
17) 2-Methylphenol	7.204	107	21848	5.374	ng		96
18) Hexachloroethane	7.487	117	11078	5.539	ng		97
19) n-Nitroso-di-n-propyla...	7.375	70	21105	5.510	ng		98
20) 3+4-Methylphenols	7.363	107	26667	5.136	ng		87
22) Acetophenone	7.375	105	43252	6.016	ng		96
24) Nitrobenzene	7.551	77	31900	6.188	ng		95
25) Isophorone	7.787	82	55924	5.751	ng		99
26) 2-Nitrophenol	7.869	139	7100	4.348	ng		94
27) 2,4-Dimethylphenol	7.898	122	22639m	5.922	ng		
28) bis(2-Chloroethoxy)met...	7.998	93	33317	6.134	ng		96
29) 2,4-Dichlorophenol	8.104	162	21463	5.242	ng		98
30) 1,2,4-Trichlorobenzene	8.198	180	28149	5.538	ng		98
31) Naphthalene	8.281	128	82738	5.608	ng		99
32) Benzoic acid	7.928	122	6507m	2.845	ng		
33) 4-Chloroaniline	8.328	127	34170	5.963	ng		92
34) Hexachlorobutadiene	8.398	225	18291	5.445	ng		97
35) Caprolactam	8.651	113	5754	5.048	ng	#	85
36) 4-Chloro-3-methylphenol	8.798	107	23726	5.377	ng		98
37) 2-Methylnaphthalene	8.975	142	57519	5.785	ng		95
38) 1-Methylnaphthalene	9.075	142	53986	5.603	ng		97
40) 1,2,4,5-Tetrachloroben...	9.139	216	30304	5.994	ng		98
41) Hexachlorocyclopentadiene	9.128	237	12035	5.502	ng		99
43) 2,4,6-Trichlorophenol	9.245	196	12319	4.098	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.287	196	17308	5.284	ng		94
46) 1,1'-Biphenyl	9.439	154	74728	6.263	ng		99
47) 2-Chloronaphthalene	9.469	162	56692	5.918	ng		96
48) 2-Nitroaniline	9.557	65	12651	4.777	ng		97
49) Acenaphthylene	9.886	152	85334	5.831	ng		98
50) Dimethylphthalate	9.734	163	62550	5.590	ng		99
51) 2,6-Dinitrotoluene	9.798	165	9100	4.951	ng		92
52) Acenaphthene	10.057	154	51235	5.611	ng		98
53) 3-Nitroaniline	9.969	138	9871	5.075	ng		99
54) 2,4-Dinitrophenol	10.069	184	1424	2.199	ng	#	14
55) Dibenzofuran	10.228	168	78985	5.965	ng		96
56) 4-Nitrophenol	10.110	139	5183	3.541	ng	#	88
57) 2,4-Dinitrotoluene	10.198	165	10325	4.646	ng		97
58) Fluorene	10.575	166	61784	5.876	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.339	232	12306	4.436	ng	#	97
60) Diethylphthalate	10.439	149	59447	5.569	ng		99
61) 4-Chlorophenyl-phenyle...	10.569	204	32098	6.021	ng		92
62) 4-Nitroaniline	10.575	138	9328	4.720	ng		86
63) Azobenzene	10.728	77	61223	5.522	ng		99
65) 4,6-Dinitro-2-methylph...	10.604	198	2711	2.694	ng		91
66) n-Nitrosodiphenylamine	10.681	169	50945	5.447	ng		98
67) 4-Bromophenyl-phenylether	11.063	248	19333	5.551	ng		90
68) Hexachlorobenzene	11.122	284	21079	5.579	ng		98
69) Atrazine	11.204	200	17817	5.971	ng		93
70) Pentachlorophenol	11.316	266	6004m	2.974	ng		
71) Phenanthrene	11.545	178	88845	5.536	ng		98
72) Anthracene	11.592	178	90651	5.776	ng		98
73) Carbazole	11.751	167	75170	5.698	ng		99
74) Di-n-butylphthalate	12.080	149	84571	5.309	ng		100
75) Fluoranthene	12.739	202	94695	5.686	ng		98
77) Benzidine	12.863	184	34170	7.519	ng		95
78) Pyrene	12.969	202	94150	4.870	ng		99
80) Butylbenzylphthalate	13.592	149	24888	4.256	ng	#	90
81) Benzo(a)anthracene	14.163	228	75813	5.352	ng		96
82) 3,3'-Dichlorobenzidine	14.127	252	19027	5.059	ng	#	97
83) Chrysene	14.204	228	70495	5.203	ng		99
84) Bis(2-ethylhexyl)phtha...	14.157	149	32803	4.819	ng		95
85) Di-n-octyl phthalate	14.780	149	35258	3.649	ng	#	97
87) Indeno(1,2,3-cd)pyrene	17.292	276	42424	4.004	ng		97
88) Benzo(b)fluoranthene	15.257	252	50719	5.394	ng		97
89) Benzo(k)fluoranthene	15.286	252	52388	5.451	ng		98
90) Benzo(a)pyrene	15.651	252	41437	5.368	ng		99
91) Dibenzo(a,h)anthracene	17.315	278	37597	4.312	ng		94
92) Benzo(g,h,i)perylene	17.774	276	38323	4.347	ng		98

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

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