Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111822\
Data File : BF131296.D
Acq On : 18 Nov 2022 13:07
Operator : CG\JU
Sample : N4955-02
Misc : LOQ-SOIL 10ppm
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 21 01:19:38 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	73857	20.000	ng		0.00
21) Naphthalene-d8	8.257	136	263165	20.000	ng		0.00
39) Acenaphthene-d10	10.022	164	153113	20.000	ng		0.00
64) Phenanthrene-d10	11.522	188	288789	20.000	ng		0.00
76) Chrysene-d12	14.174	240	197992	20.000	ng		0.00
86) Perylene-d12	15.715	264	139393	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	447019	110.781	ng		0.00
7) Phenol-d6	6.581	99	559375	109.350	ng		0.00
23) Nitrobenzene-d5	7.534	82	419704	85.192	ng		0.00
42) 2,4,6-Tribromophenol	10.816	330	154500	113.352	ng		0.00
45) 2-Fluorobiphenyl	9.339	172	850642	79.349	ng		0.00
79) Terphenyl-d14	13.116	244	994419	75.075	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	21097	11.308	ng		98
3) Pyridine	3.557	79	50332	9.682	ng		99
4) n-Nitrosodimethylamine	3.487	42	32743	10.152	ng		95
6) Aniline	6.628	93	76588	11.963	ng		98
8) 2-Chlorophenol	6.751	128	51501	11.530	ng		91
9) Benzaldehyde	6.516	77	47837	12.881	ng		98
10) Phenol	6.592	94	60411	10.670	ng		97
11) bis(2-Chloroethyl)ether	6.698	93	50402	11.060	ng		96
12) 1,3-Dichlorobenzene	6.910	146	57977	10.911	ng		95
13) 1,4-Dichlorobenzene	6.987	146	59038	10.927	ng		97
14) 1,2-Dichlorobenzene	7.140	146	54722	10.881	ng		98
15) Benzyl Alcohol	7.128	79	31538	7.238	ng	#	65
16) 2,2'-oxybis(1-Chloropr...	7.239	45	95758	11.098	ng		98
17) 2-Methylphenol	7.204	107	41222	10.556	ng		98
18) Hexachloroethane	7.487	117	20808	10.831	ng		95
19) n-Nitroso-di-n-propyla...	7.375	70	39686	10.786	ng		95
20) 3+4-Methylphenols	7.357	107	53120	10.651	ng		91
22) Acetophenone	7.375	105	80769	11.615	ng		98
24) Nitrobenzene	7.551	77	58493	11.730	ng		95
25) Isophorone	7.787	82	106579	11.331	ng		99
26) 2-Nitrophenol	7.869	139	16776	10.622	ng		97
27) 2,4-Dimethylphenol	7.898	122	45634	12.340	ng		97
28) bis(2-Chloroethoxy)met...	7.998	93	64212	12.222	ng		97
29) 2,4-Dichlorophenol	8.104	162	42883	10.828	ng		97
30) 1,2,4-Trichlorobenzene	8.198	180	52733	10.725	ng		98
31) Naphthalene	8.281	128	153258	10.740	ng		99
32) Benzoic acid	7.951	122	14446m	6.530	ng		
33) 4-Chloroaniline	8.322	127	63136	11.390	ng		97
34) Hexachlorobutadiene	8.398	225	34073	10.487	ng		99
35) Caprolactam	8.657	113	12385	11.232	ng		93
36) 4-Chloro-3-methylphenol	8.798	107	45369	10.629	ng		96
37) 2-Methylnaphthalene	8.975	142	105858	11.007	ng		99
38) 1-Methylnaphthalene	9.075	142	100661	10.801	ng		98
40) 1,2,4,5-Tetrachloroben...	9.139	216	56287	11.235	ng		99
41) Hexachlorocyclopentadiene	9.128	237	25036	11.552	ng		98
43) 2,4,6-Trichlorophenol	9.245	196	22805	7.656	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.286	196	37654	11.602	ng	#	90
46) 1,1'-Biphenyl	9.439	154	139886	11.831	ng		98
47) 2-Chloronaphthalene	9.469	162	107302	11.304	ng		98
48) 2-Nitroaniline	9.557	65	27067	10.315	ng		99
49) Acenaphthylene	9.886	152	160989	11.102	ng		98
50) Dimethylphthalate	9.733	163	122203	11.022	ng		99
51) 2,6-Dinitrotoluene	9.798	165	19876	10.914	ng		87
52) Acenaphthene	10.057	154	98865	10.927	ng		99
53) 3-Nitroaniline	9.969	138	21290	11.046	ng		90
54) 2,4-Dinitrophenol	10.069	184	3606	5.621	ng	#	5
55) Dibenzofuran	10.228	168	145503	11.090	ng		99
56) 4-Nitrophenol	10.110	139	12740	8.784	ng		91
57) 2,4-Dinitrotoluene	10.198	165	23107	10.493	ng		99
58) Fluorene	10.575	166	117786	11.305	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.339	232	25732	9.361	ng		97
60) Diethylphthalate	10.439	149	118322	11.186	ng		98
61) 4-Chlorophenyl-phenyle...	10.569	204	60896	11.529	ng		91
62) 4-Nitroaniline	10.580	138	21111	10.781	ng		95
63) Azobenzene	10.727	77	120412	10.961	ng		99
65) 4,6-Dinitro-2-methylph...	10.604	198	6619	6.611	ng		77
66) n-Nitrosodiphenylamine	10.680	169	98611	10.596	ng		100
67) 4-Bromophenyl-phenylether	11.063	248	37387	10.789	ng	#	90
68) Hexachlorobenzene	11.122	284	40196	10.691	ng		98
69) Atrazine	11.204	200	35662	12.012	ng		97
70) Pentachlorophenol	11.310	266	15724m	7.828	ng		
71) Phenanthrene	11.545	178	170127	10.654	ng		99
72) Anthracene	11.592	178	178379	11.423	ng		99
73) Carbazole	11.745	167	145006	11.046	ng		99
74) Di-n-butylphthalate	12.080	149	178629	11.269	ng		99
75) Fluoranthene	12.739	202	180175	10.873	ng		99
77) Benzidine	12.863	184	78693	17.572	ng		97
78) Pyrene	12.969	202	183908	9.654	ng		98
80) Butylbenzylphthalate	13.592	149	55960	9.711	ng		95
81) Benzo(a)anthracene	14.163	228	145120	10.396	ng		98
82) 3,3'-Dichlorobenzidine	14.127	252	42242	11.399	ng		96
83) Chrysene	14.198	228	140345	10.513	ng		99
84) Bis(2-ethylhexyl)phtha...	14.151	149	73440	10.949	ng	#	95
85) Di-n-octyl phthalate	14.780	149	90017	9.454	ng		98
87) Indeno(1,2,3-cd)pyrene	17.292	276	94831	8.970	ng		97
88) Benzo(b)fluoranthene	15.251	252	104280	11.115	ng		98
89) Benzo(k)fluoranthene	15.286	252	106524	11.109	ng		99
90) Benzo(a)pyrene	15.651	252	85884	11.150	ng		98
91) Dibenzo(a,h)anthracene	17.315	278	82402	9.472	ng		98
92) Benzo(g,h,i)perylene	17.768	276	80998	9.209	ng		98

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

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