Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111822\
Data File : BF131297.D
Acq On : 18 Nov 2022 13:49
Operator : CG\JU
Sample : N4955-02
Misc : LOQ-SOIL 10ppm
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 21 01:22:10 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	82437	20.000	ng		0.00
21) Naphthalene-d8	8.257	136	298448	20.000	ng		0.00
39) Acenaphthene-d10	10.028	164	179975	20.000	ng		0.00
64) Phenanthrene-d10	11.522	188	337286	20.000	ng		0.00
76) Chrysene-d12	14.174	240	239285	20.000	ng		0.00
86) Perylene-d12	15.716	264	169177	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	435758	96.750	ng		0.00
7) Phenol-d6	6.581	99	550092	96.343	ng		0.00
23) Nitrobenzene-d5	7.534	82	416632	74.570	ng		0.00
42) 2,4,6-Tribromophenol	10.816	330	161739	100.952	ng		0.00
45) 2-Fluorobiphenyl	9.339	172	853642	67.744	ng		0.00
79) Terphenyl-d14	13.116	244	1000593	62.505	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	20077	9.641	ng		95
3) Pyridine	3.558	79	50706	8.739	ng		92
4) n-Nitrosodimethylamine	3.493	42	31085	8.635	ng		95
6) Aniline	6.628	93	73373	10.268	ng		98
8) 2-Chlorophenol	6.751	128	49025	9.834	ng		91
9) Benzaldehyde	6.516	77	46207	11.147	ng		97
10) Phenol	6.593	94	59639	9.437	ng		95
11) bis(2-Chloroethyl)ether	6.698	93	49091	9.651	ng		97
12) 1,3-Dichlorobenzene	6.910	146	56581	9.540	ng		96
13) 1,4-Dichlorobenzene	6.987	146	58398	9.684	ng		96
14) 1,2-Dichlorobenzene	7.140	146	54207	9.657	ng		95
15) Benzyl Alcohol	7.128	79	30177	6.205	ng	#	71
16) 2,2'-oxybis(1-Chloropr...	7.240	45	97177	10.090	ng		99
17) 2-Methylphenol	7.204	107	40573	9.309	ng		97
18) Hexachloroethane	7.487	117	20758	9.681	ng		93
19) n-Nitroso-di-n-propyla...	7.375	70	39913	9.719	ng	#	98
20) 3+4-Methylphenols	7.357	107	52524	9.435	ng		89
22) Acetophenone	7.375	105	80234	10.174	ng		97
24) Nitrobenzene	7.551	77	57518	10.171	ng		98
25) Isophorone	7.787	82	106113	9.948	ng		98
26) 2-Nitrophenol	7.869	139	16972	9.476	ng		98
27) 2,4-Dimethylphenol	7.898	122	47761	11.389	ng		97
28) bis(2-Chloroethoxy)met...	7.998	93	64196	10.775	ng		99
29) 2,4-Dichlorophenol	8.104	162	42582	9.481	ng		94
30) 1,2,4-Trichlorobenzene	8.198	180	52296	9.379	ng		97
31) Naphthalene	8.281	128	153710	9.498	ng		97
32) Benzoic acid	7.969	122	29789	11.874	ng		92
33) 4-Chloroaniline	8.328	127	62248	9.902	ng		92
34) Hexachlorobutadiene	8.398	225	34206	9.283	ng		96
35) Caprolactam	8.663	113	13216	10.569	ng		96
36) 4-Chloro-3-methylphenol	8.798	107	46692	9.646	ng		94
37) 2-Methylnaphthalene	8.975	142	104694	9.599	ng		97
38) 1-Methylnaphthalene	9.075	142	99712	9.435	ng		98
40) 1,2,4,5-Tetrachloroben...	9.140	216	56547	9.603	ng		99
41) Hexachlorocyclopentadiene	9.128	237	23861	9.367	ng		97
43) 2,4,6-Trichlorophenol	9.251	196	23871	6.818	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.287	196	37663	9.873	ng		95
46) 1,1'-Biphenyl	9.439	154	136326	9.809	ng		99
47) 2-Chloronaphthalene	9.469	162	104229	9.341	ng		98
48) 2-Nitroaniline	9.557	65	27401	8.884	ng		98
49) Acenaphthylene	9.886	152	161425	9.471	ng		99
50) Dimethylphthalate	9.734	163	123476	9.475	ng		99
51) 2,6-Dinitrotoluene	9.798	165	21026	9.822	ng		96
52) Acenaphthene	10.057	154	102841	9.670	ng		97
53) 3-Nitroaniline	9.969	138	21895	9.664	ng		94
54) 2,4-Dinitrophenol	10.069	184	8758	11.614	ng	#	57
55) Dibenzofuran	10.228	168	148064	9.601	ng		99
56) 4-Nitrophenol	10.110	139	13858	8.129	ng		97
57) 2,4-Dinitrotoluene	10.198	165	25107	9.700	ng		98
58) Fluorene	10.575	166	116288	9.495	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.339	232	25945	8.029	ng		97
60) Diethylphthalate	10.439	149	118973	9.569	ng		98
61) 4-Chlorophenyl-phenyle...	10.569	204	60482	9.742	ng		93
62) 4-Nitroaniline	10.581	138	21448	9.318	ng		96
63) Azobenzene	10.728	77	120696	9.347	ng		99
65) 4,6-Dinitro-2-methylph...	10.610	198	10424	8.915	ng		92
66) n-Nitrosodiphenylamine	10.681	169	101287	9.319	ng		98
67) 4-Bromophenyl-phenylether	11.063	248	37442	9.251	ng	#	90
68) Hexachlorobenzene	11.122	284	39535	9.004	ng		97
69) Atrazine	11.210	200	35838	10.336	ng		97
70) Pentachlorophenol	11.316	266	27763m	11.835	ng		
71) Phenanthrene	11.545	178	173787	9.318	ng		99
72) Anthracene	11.598	178	176324	9.668	ng		99
73) Carbazole	11.745	167	149036	9.721	ng		99
74) Di-n-butylphthalate	12.080	149	183023	9.886	ng		100
75) Fluoranthene	12.739	202	185524	9.586	ng		99
77) Benzidine	12.863	184	78300	14.467	ng		97
78) Pyrene	12.969	202	187546	8.146	ng		99
80) Butylbenzylphthalate	13.592	149	61174	8.784	ng		96
81) Benzo(a)anthracene	14.163	228	149144	8.841	ng		100
82) 3,3'-Dichlorobenzidine	14.127	252	44824	10.009	ng		99
83) Chrysene	14.198	228	142171	8.812	ng		99
84) Bis(2-ethylhexyl)phtha...	14.157	149	81865	10.098	ng		100
85) Di-n-octyl phthalate	14.780	149	98391	8.551	ng		100
87) Indeno(1,2,3-cd)pyrene	17.292	276	92394	7.201	ng		97
88) Benzo(b)fluoranthene	15.257	252	108601	9.538	ng		99
89) Benzo(k)fluoranthene	15.286	252	109570	9.415	ng		99
90) Benzo(a)pyrene	15.645	252	87929	9.406	ng		100
91) Dibenzo(a,h)anthracene	17.321	278	81945	7.761	ng		99
92) Benzo(g,h,i)perylene	17.768	276	80496	7.541	ng		98

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

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