Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041123\
Data File : BF132856.D
Acq On : 11 Apr 2023 18:38
Operator : CG\JU
Sample : 01627-01
Misc : LOD-MDL-SOIL 4ppm
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 12 04:14:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 12 04:14:35 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.769	152	224433	20.000	ng		0.00
21) Naphthalene-d8	8.051	136	869062	20.000	ng		0.00
39) Acenaphthene-d10	9.804	164	447593	20.000	ng		0.00
64) Phenanthrene-d10	11.281	188	794084	20.000	ng		0.00
76) Chrysene-d12	13.916	240	593168	20.000	ng		0.00
86) Perylene-d12	15.345	264	523236	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1513871	104.791	ng		0.00
7) Phenol-d6	6.398	99	1906434	102.318	ng		0.00
23) Nitrobenzene-d5	7.334	82	1259346	74.985	ng		0.00
42) 2,4,6-Tribromophenol	10.592	330	459032	115.396	ng		0.00
45) 2-Fluorobiphenyl	9.134	172	2110972	74.609	ng		0.00
79) Terphenyl-d14	12.875	244	2293536	66.995	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	53	5.448	ng	#	100
3) Pyridine	3.246	79	60627	3.058	ng		98
4) n-Nitrosodimethylamine	3.122	42	31998	3.340	ng	#	90
6) Aniline	6.434	93	90075	3.740	ng		97
8) 2-Chlorophenol	6.551	128	60958	4.195	ng		96
9) Benzaldehyde	6.316	77	56516	5.054	ng		99
10) Phenol	6.410	94	88598m	4.223	ng		
11) bis(2-Chloroethyl)ether	6.504	93	62668	4.029	ng		98
12) 1,3-Dichlorobenzene	6.710	146	69910	4.360	ng		97
13) 1,4-Dichlorobenzene	6.787	146	68582	4.244	ng		98
14) 1,2-Dichlorobenzene	6.940	146	65753	4.332	ng		97
15) Benzyl Alcohol	6.904	79	63068m	5.206	ng		
16) 2,2'-oxybis(1-Chloropr...	7.045	45	105416	4.059	ng		99
17) 2-Methylphenol	7.010	107	49307	3.721	ng		99
18) Hexachloroethane	7.281	117	22278	4.004	ng		92
19) n-Nitroso-di-n-propyla...	7.181	70	41660	3.927	ng		97
20) 3+4-Methylphenols	7.169	107	62016	3.917	ng	#	87
22) Acetophenone	7.175	105	92877	4.510	ng	#	98
24) Nitrobenzene	7.345	77	70710	4.155	ng		95
25) Isophorone	7.581	82	115443	3.855	ng		94
26) 2-Nitrophenol	7.663	139	19890	3.277	ng		96
27) 2,4-Dimethylphenol	7.698	122	51600	4.207	ng		96
28) bis(2-Chloroethoxy)met...	7.798	93	72147	4.060	ng		99
29) 2,4-Dichlorophenol	7.898	162	46724	4.013	ng		95
30) 1,2,4-Trichlorobenzene	7.992	180	54054	4.205	ng		99
31) Naphthalene	8.075	128	189437	4.272	ng		99
32) Benzoic acid	7.745	122	11232	2.188	ng		97
33) 4-Chloroaniline	8.116	127	66492	3.774	ng		96
34) Hexachlorobutadiene	8.198	225	27945	3.994	ng		96
35) Caprolactam	8.440	113	10766m	3.484	ng		
36) 4-Chloro-3-methylphenol	8.587	107	47449	3.820	ng		98
37) 2-Methylnaphthalene	8.763	142	123186	4.153	ng		99
38) 1-Methylnaphthalene	8.863	142	113376	4.098	ng		97
40) 1,2,4,5-Tetrachloroben...	8.928	216	51437	4.117	ng		99
41) Hexachlorocyclopentadiene	8.922	237	23158	3.443	ng		97
43) 2,4,6-Trichlorophenol	9.039	196	27613	3.597	ng		99

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44) 2,4,5-Trichlorophenol	9.069	196	31368	3.460	ng		96
46) 1,1'-Biphenyl	9.228	154	157110	4.355	ng		99
47) 2-Chloronaphthalene	9.251	162	111604	4.226	ng		99
48) 2-Nitroaniline	9.339	65	18334	2.577	ng		97
49) Acenaphthylene	9.663	152	174170	4.080	ng		97
50) Dimethylphthalate	9.522	163	114854	3.974	ng		99
51) 2,6-Dinitrotoluene	9.581	165	19352	2.935	ng		97
52) Acenaphthene	9.834	154	112247	4.092	ng		99
53) 3-Nitroaniline	9.745	138	21271	2.789	ng		89
55) Dibenzofuran	10.004	168	160426	4.126	ng		99
56) 4-Nitrophenol	9.892	139	18493	3.076	ng		94
57) 2,4-Dinitrotoluene	9.981	165	22108	2.699	ng		96
58) Fluorene	10.345	166	122460	4.270	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	26143	3.787	ng		96
60) Diethylphthalate	10.222	149	94297	3.838	ng		96
61) 4-Chlorophenyl-phenyle...	10.345	204	54609	4.002	ng		97
62) 4-Nitroaniline	10.351	138	21440	2.943	ng		95
63) Azobenzene	10.504	77	124340	3.885	ng		97
66) n-Nitrosodiphenylamine	10.457	169	98071	4.047	ng		98
67) 4-Bromophenyl-phenylether	10.833	248	32011	3.798	ng		98
68) Hexachlorobenzene	10.898	284	35576	4.077	ng		99
69) Atrazine	10.981	200	22947	3.863	ng		99
70) Pentachlorophenol	11.086	266	16691	2.904	ng		98
71) Phenanthrene	11.304	178	184293	4.231	ng		97
72) Anthracene	11.357	178	185849	4.174	ng		97
73) Carbazole	11.510	167	158813	4.077	ng		97
74) Di-n-butylphthalate	11.857	149	83104	3.326	ng		99
75) Fluoranthene	12.492	202	163705	3.754	ng		98
77) Benzidine	12.616	184	11113	2.836	ng	#	88
78) Pyrene	12.716	202	176361	3.481	ng		98
80) Butylbenzylphthalate	13.345	149	5854	2.080	ng		92
81) Benzo(a)anthracene	13.904	228	148668	3.644	ng		97
82) 3,3'-Dichlorobenzidine	13.874	252	19124	2.953	ng		99
83) Chrysene	13.939	228	154170	3.839	ng		97
84) Bis(2-ethylhexyl)phtha...	13.916	149	10824	2.508	ng	#	90
87) Indeno(1,2,3-cd)pyrene	16.733	276	81746	2.739	ng		99
88) Benzo(b)fluoranthene	14.933	252	122133	3.617	ng		98
89) Benzo(k)fluoranthene	14.957	252	128989	3.719	ng		100
90) Benzo(a)pyrene	15.280	252	95192	3.143	ng		98
91) Dibenzo(a,h)anthracene	16.751	278	68847	2.787	ng		97
92) Benzo(g,h,i)perylene	17.151	276	68369	2.717	ng		95

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

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