Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
Data File : BG055720.D
Acq On : 21 Nov 2022 18:23
Operator : CG/JU
Sample : N5698-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

Quant Time: Nov 22 02:06:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.243	152	33279	20.000	ng		-0.01
21) Naphthalene-d8	11.075	136	153902	20.000	ng		0.00
39) Acenaphthene-d10	14.870	164	119503	20.000	ng		0.00
64) Phenanthrene-d10	17.614	188	283214	20.000	ng		0.00
76) Chrysene-d12	21.909	240	255782	20.000	ng		0.00
86) Perylene-d12	25.317	264	273611	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.775	112	252008	136.876	ng		0.00
7) Phenol-d6	7.397	99	342398	139.705	ng		0.00
23) Nitrobenzene-d5	9.418	82	206553	70.937	ng		0.00
42) 2,4,6-Tribromophenol	16.357	330	197963	117.642	ng		0.00
45) 2-Fluorobiphenyl	13.496	172	562428	70.508	ng		0.00
79) Terphenyl-d14	20.199	244	981676	76.764	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.601	88	29614	37.638	ng		98
3) Pyridine	4.018	79	84341	34.942	ng		98
4) n-Nitrosodimethylamine	3.924	42	55403	43.353	ng		98
6) Aniline	7.561	93	97831	31.780	ng		97
8) 2-Chlorophenol	7.808	128	114705	54.498	ng		98
9) Benzaldehyde	7.373	77	62656m	37.644	ng		
10) Phenol	7.420	94	150467	54.831	ng		99
11) bis(2-Chloroethyl)ether	7.649	93	99350	47.241	ng		98
12) 1,3-Dichlorobenzene	8.137	146	111372	45.006	ng		97
13) 1,4-Dichlorobenzene	8.284	146	113820	45.517	ng		99
14) 1,2-Dichlorobenzene	8.607	146	111643	46.591	ng		97
15) Benzyl Alcohol	8.484	79	108297m	54.370	ng		
16) 2,2'-oxybis(1-Chloropr...	8.766	45	186261m	48.925	ng		
17) 2-Methylphenol	8.684	107	105552	54.177	ng		99
18) Hexachloroethane	9.342	117	39696	46.123	ng		99
19) n-Nitroso-di-n-propyla...	9.048	70	92107	48.913	ng		98
20) 3+4-Methylphenols	9.013	107	149631	54.979	ng		99
22) Acetophenone	9.071	105	175853	43.973	ng	#	98
24) Nitrobenzene	9.465	77	131881	43.361	ng		99
25) Isophorone	9.982	82	264186	47.885	ng		99
26) 2-Nitrophenol	10.176	139	67922	48.376	ng		95
27) 2,4-Dimethylphenol	10.229	122	123735m	57.905	ng		
28) bis(2-Chloroethoxy)met...	10.464	93	149540	50.489	ng		99
29) 2,4-Dichlorophenol	10.716	162	130032	50.840	ng		98
30) 1,2,4-Trichlorobenzene	10.934	180	127812	43.014	ng		98
31) Naphthalene	11.128	128	353696	42.513	ng		99
32) Benzoic acid	10.376	122	81613	46.422	ng		97
33) 4-Chloroaniline	11.228	127	37443	10.910	ng		98
34) Hexachlorobutadiene	11.404	225	85317	42.049	ng		96
35) Caprolactam	12.003	113	44665m	50.464	ng		
36) 4-Chloro-3-methylphenol	12.338	107	146107	51.975	ng		99
37) 2-Methylnaphthalene	12.714	142	276336	44.360	ng		98
38) 1-Methylnaphthalene	12.932	142	262717	43.443	ng		100
40) 1,2,4,5-Tetrachloroben...	13.078	216	162025	43.144	ng		99
41) Hexachlorocyclopentadiene	13.055	237	194884	102.963	ng		98
43) 2,4,6-Trichlorophenol	13.313	196	118670	46.324	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.390	196	130488	46.352	ng		95
46) 1,1'-Biphenyl	13.707	154	387167	44.459	ng		99
47) 2-Chloronaphthalene	13.754	162	295699	43.686	ng		98
48) 2-Nitroaniline	13.948	65	99612	44.762	ng		96
49) Acenaphthylene	14.600	152	491416	44.088	ng		99
50) Dimethylphthalate	14.312	163	422871	44.390	ng		100
51) 2,6-Dinitrotoluene	14.436	165	90423	46.422	ng		97
52) Acenaphthene	14.935	154	361325m	49.600	ng		
53) 3-Nitroaniline	14.771	138	34586	16.175	ng		99
54) 2,4-Dinitrophenol	14.976	184	114737	102.451	ng		99
55) Dibenzofuran	15.270	168	492655	43.838	ng		100
56) 4-Nitrophenol	15.076	139	149686	89.194	ng		97
57) 2,4-Dinitrotoluene	15.223	165	129031	46.984	ng		96
58) Fluorene	15.910	166	391986	43.672	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.487	232	118616	43.484	ng		98
60) Diethylphthalate	15.664	149	421603	43.774	ng		99
61) 4-Chlorophenyl-phenyle...	15.899	204	222180	45.031	ng		97
62) 4-Nitroaniline	15.934	138	91065	40.742	ng		100
63) Azobenzene	16.192	77	432484	51.434	ng		98
65) 4,6-Dinitro-2-methylph...	15.987	198	77612	49.077	ng		96
66) n-Nitrosodiphenylamine	16.110	169	354748	45.451	ng		99
67) 4-Bromophenyl-phenylether	16.792	248	146173	45.298	ng		98
68) Hexachlorobenzene	16.915	284	161206	45.053	ng		99
69) Atrazine	17.050	200	144377	46.771	ng		98
70) Pentachlorophenol	17.262	266	191126	87.319	ng		98
71) Phenanthrene	17.655	178	648390	42.424	ng		100
72) Anthracene	17.744	178	662866	44.638	ng		100
73) Carbazole	18.008	167	579095	43.379	ng		99
74) Di-n-butylphthalate	18.543	149	688139	41.513	ng		99
75) Fluoranthene	19.653	202	741877	39.900	ng		100
77) Benzidine	19.818	184	282060	47.666	ng		99
78) Pyrene	20.011	202	750645	43.356	ng		99
80) Butylbenzylphthalate	20.875	149	301231	44.444	ng		100
81) Benzo(a)anthracene	21.886	228	753761	42.785	ng		100
82) 3,3'-Dichlorobenzidine	21.792	252	116332	18.792	ng		97
83) Chrysene	21.962	228	708156	42.224	ng		99
84) Bis(2-ethylhexyl)phtha...	21.762	149	436249	44.786	ng		99
85) Di-n-octyl phthalate	23.037	149	740444	44.419	ng		99
87) Indeno(1,2,3-cd)pyrene	29.254	276	903659	40.315	ng	#	94
88) Benzo(b)fluoranthene	24.230	252	785787	44.098	ng		99
89) Benzo(k)fluoranthene	24.306	252	779821	43.904	ng		100
90) Benzo(a)pyrene	25.158	252	701527	45.878	ng		99
91) Dibenzo(a,h)anthracene	29.318	278	771357	42.112	ng		100
92) Benzo(g,h,i)perylene	30.493	276	753047	40.791	ng		98

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

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