Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031822\
Data File : BP009456.D
Acq On : 18 Mar 2022 14:20
Operator : CG/JU
Sample : N1645-02
Misc : LOQ--SOIL 10ppm
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 18 14:53:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 14:30:34 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.799	152	239674	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	896168	20.000	ng		0.00
39) Acenaphthene-d10	14.439	164	571146	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1187408	20.000	ng		0.00
76) Chrysene-d12	21.316	240	1341195	20.000	ng	#	0.00
86) Perylene-d12	23.721	264	1486427	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	1389949	101.252	ng		0.00
7) Phenol-d6	6.987	99	1782045	95.992	ng		0.00
23) Nitrobenzene-d5	8.951	82	1149183	68.144	ng		0.00
42) 2,4,6-Tribromophenol	15.939	330	926400	98.293	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	2829200	68.671	ng		0.00
79) Terphenyl-d14	19.780	244	4738053	63.408	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	52330	9.624	ng		97
3) Pyridine	3.728	79	116236	7.937	ng		98
4) n-Nitrosodimethylamine	3.640	42	48682	9.027	ng	#	92
6) Aniline	7.128	93	213110	10.072	ng		98
8) 2-Chlorophenol	7.369	128	142447	9.100	ng		97
9) Benzaldehyde	6.946	77	123590m	12.560	ng		
10) Phenol	7.010	94	168600	9.052	ng		88
11) bis(2-Chloroethyl)ether	7.222	93	138482	9.395	ng		94
12) 1,3-Dichlorobenzene	7.687	146	168011	9.510	ng		95
13) 1,4-Dichlorobenzene	7.834	146	169562	9.387	ng		98
14) 1,2-Dichlorobenzene	8.152	146	166534	9.538	ng		99
15) Benzyl Alcohol	8.052	79	132924m	8.980	ng		
16) 2,2'-oxybis(1-Chloropr...	8.334	45	150319	9.408	ng		92
17) 2-Methylphenol	8.257	107	110784	8.632	ng		97
18) Hexachloroethane	8.875	117	60876	9.616	ng		94
19) n-Nitroso-di-n-propyla...	8.604	70	105067	8.948	ng		97
20) 3+4-Methylphenols	8.593	107	139396	7.899	ng		94
22) Acetophenone	8.622	105	209206	9.432	ng	#	98
24) Nitrobenzene	8.993	77	157678	9.898	ng		98
25) Isophorone	9.522	82	285167	9.913	ng		98
26) 2-Nitrophenol	9.710	139	67685	8.151	ng		96
27) 2,4-Dimethylphenol	9.787	122	120813	10.311	ng		98
28) bis(2-Chloroethoxy)met...	10.010	93	168784	9.012	ng		99
29) 2,4-Dichlorophenol	10.269	162	117377	8.212	ng		95
30) 1,2,4-Trichlorobenzene	10.457	180	156072	9.425	ng		98
31) Naphthalene	10.640	128	450161	9.752	ng		99
32) Benzoic acid	9.951	122	66454m	7.254	ng		
33) 4-Chloroaniline	10.769	127	154126	8.182	ng		96
34) Hexachlorobutadiene	10.934	225	104140	9.282	ng		97
35) Caprolactam	11.540	113	39845	8.260	ng		90
36) 4-Chloro-3-methylphenol	11.910	107	136304	8.875	ng		98
37) 2-Methylnaphthalene	12.257	142	301937	9.322	ng		99
38) 1-Methylnaphthalene	12.475	142	300690	9.530	ng		99
40) 1,2,4,5-Tetrachloroben...	12.634	216	181265	9.565	ng		99
41) Hexachlorocyclopentadiene	12.610	237	43854	6.568	ng		98
43) 2,4,6-Trichlorophenol	12.881	196	106537	8.482	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	110986	8.137	ng		97
46) 1,1'-Biphenyl	13.275	154	426221	10.003	ng		98
47) 2-Chloronaphthalene	13.310	162	327812	9.772	ng		98
48) 2-Nitroaniline	13.522	65	77657	8.500	ng		95
49) Acenaphthylene	14.157	152	529332	10.222	ng		99
50) Dimethylphthalate	13.898	163	398521	9.209	ng		100
51) 2,6-Dinitrotoluene	14.016	165	82653	9.115	ng		97
52) Acenaphthene	14.504	154	299187	9.672	ng		100
53) 3-Nitroaniline	14.357	138	80760	8.432	ng		99
54) 2,4-Dinitrophenol	14.586	184	25019	5.023	ng		94
55) Dibenzofuran	14.839	168	494313	9.512	ng		99
56) 4-Nitrophenol	14.733	139	39098	5.477	ng		96
57) 2,4-Dinitrotoluene	14.810	165	109737	8.802	ng		96
58) Fluorene	15.492	166	390764	9.561	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.081	232	100448	8.123	ng		98
60) Diethylphthalate	15.269	149	390140	9.007	ng		100
61) 4-Chlorophenyl-phenyle...	15.486	204	206818	9.186	ng		99
62) 4-Nitroaniline	15.528	138	80342	7.988	ng		97
63) Azobenzene	15.781	77	345075	9.158	ng		98
65) 4,6-Dinitro-2-methylph...	15.592	198	45821	6.001	ng		94
66) n-Nitrosodiphenylamine	15.704	169	340228	9.682	ng		99
67) 4-Bromophenyl-phenylether	16.386	248	130319	8.969	ng		97
68) Hexachlorobenzene	16.510	284	155805	9.317	ng		95
69) Atrazine	16.669	200	121692	9.850	ng		96
70) Pentachlorophenol	16.875	266	63857	7.144	ng		91
71) Phenanthrene	17.245	178	619535	9.747	ng		99
72) Anthracene	17.339	178	630570	10.048	ng		99
73) Carbazole	17.616	167	558857	9.106	ng		98
74) Di-n-butylphthalate	18.174	149	634393	8.821	ng		99
75) Fluoranthene	19.227	202	749923	9.745	ng		98
77) Benzidine	19.416	184	410351	12.482	ng		99
78) Pyrene	19.580	202	793497	8.978	ng		99
80) Butylbenzylphthalate	20.463	149	304584	8.108	ng		94
81) Benzo(a)anthracene	21.298	228	847605	9.619	ng		99
82) 3,3'-Dichlorobenzidine	21.239	252	328345	9.646	ng		98
83) Chrysene	21.351	228	784411	9.401	ng		98
84) Bis(2-ethylhexyl)phtha...	21.233	149	458443	8.756	ng		100
85) Di-n-octyl phthalate	22.157	149	805451	8.925	ng		99
87) Indeno(1,2,3-cd)pyrene	26.215	276	1011327	8.968	ng		96
88) Benzo(b)fluoranthene	22.986	252	901438	10.159	ng		98
89) Benzo(k)fluoranthene	23.033	252	853860m	9.828	ng		
90) Benzo(a)pyrene	23.610	252	861454	11.347	ng	#	98
91) Dibenzo(a,h)anthracene	26.239	278	891721	9.488	ng		97
92) Benzo(g,h,i)perylene	26.986	276	885734	9.580	ng	#	95

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

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