Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031822\
Data File : BP009454.D
Acq On : 18 Mar 2022 13:00
Operator : CG/JU
Sample : N1645-01
Misc : LOD-MDL-SOIL 8ppm
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 18 14:31:45 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 :
LOD-MDL-SOIL-01-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	253326	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	975275	20.000	ng		0.00
39) Acenaphthene-d10	14.439	164	657252	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1391959	20.000	ng		0.00
76) Chrysene-d12	21.310	240	1531057	20.000	ng		0.00
86) Perylene-d12	23.715	264	1594666	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.405	112	2240591	154.422	ng		0.00
7) Phenol-d6	6.987	99	2946093	150.142	ng		0.00
23) Nitrobenzene-d5	8.951	82	1575705	85.857	ng		0.00
42) 2,4,6-Tribromophenol	15.939	330	1595916	147.146	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	3915362	82.584	ng		0.00
79) Terphenyl-d14	19.780	244	6875542	80.603	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	44171	7.686	ng		99
3) Pyridine	3.734	79	107790	6.964	ng		95
4) n-Nitrosodimethylamine	3.640	42	42385	7.435	ng	#	99
6) Aniline	7.128	93	189601	8.478	ng		98
8) 2-Chlorophenol	7.369	128	126411	7.640	ng		96
9) Benzaldehyde	6.946	77	109005m	10.481	ng		
10) Phenol	7.016	94	152745	7.759	ng		88
11) bis(2-Chloroethyl)ether	7.228	93	121913	7.825	ng		97
12) 1,3-Dichlorobenzene	7.687	146	148049	7.928	ng		98
13) 1,4-Dichlorobenzene	7.834	146	153216	8.025	ng		98
14) 1,2-Dichlorobenzene	8.152	146	145819	7.902	ng		99
15) Benzyl Alcohol	8.052	79	124705m	7.971	ng		
16) 2,2'-oxybis(1-Chloropr...	8.334	45	136608	8.089	ng		94
17) 2-Methylphenol	8.257	107	98466	7.258	ng		98
18) Hexachloroethane	8.875	117	53696	8.025	ng		95
19) n-Nitroso-di-n-propyla...	8.604	70	90248	7.272	ng		99
20) 3+4-Methylphenols	8.599	107	123210	6.605	ng	#	87
22) Acetophenone	8.622	105	187863	7.783	ng	#	98
24) Nitrobenzene	8.999	77	144769	8.350	ng		95
25) Isophorone	9.528	82	251771	8.042	ng		98
26) 2-Nitrophenol	9.710	139	62053	6.867	ng		95
27) 2,4-Dimethylphenol	9.793	122	94510	7.412	ng		95
28) bis(2-Chloroethoxy)met...	10.010	93	147827	7.252	ng		99
29) 2,4-Dichlorophenol	10.275	162	99699	6.410	ng		99
30) 1,2,4-Trichlorobenzene	10.457	180	139427	7.737	ng		99
31) Naphthalene	10.640	128	402836	8.019	ng		100
32) Benzoic acid	9.951	122	44322m	4.446	ng		
33) 4-Chloroaniline	10.769	127	129722	6.328	ng		98
34) Hexachlorobutadiene	10.934	225	92924	7.610	ng		99
35) Caprolactam	11.540	113	37474	7.139	ng		94
36) 4-Chloro-3-methylphenol	11.910	107	119873	7.172	ng		97
37) 2-Methylnaphthalene	12.257	142	265255	7.525	ng		97
38) 1-Methylnaphthalene	12.475	142	263610	7.677	ng		99
40) 1,2,4,5-Tetrachloroben...	12.634	216	159441	7.311	ng		98
41) Hexachlorocyclopentadiene	12.610	237	29006	3.775	ng		96
43) 2,4,6-Trichlorophenol	12.887	196	94963	6.570	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	100742	6.418	ng	99
46) 1,1'-Biphenyl	13.275	154	383726	7.826	ng	98
47) 2-Chloronaphthalene	13.310	162	291181	7.543	ng	99
48) 2-Nitroaniline	13.522	65	70388	6.695	ng	95
49) Acenaphthylene	14.157	152	480431	8.062	ng	99
50) Dimethylphthalate	13.898	163	368477	7.399	ng	100
51) 2,6-Dinitrotoluene	14.016	165	77759	7.452	ng	98
52) Acenaphthene	14.504	154	271351	7.623	ng	98
53) 3-Nitroaniline	14.357	138	72986	6.622	ng	97
54) 2,4-Dinitrophenol	14.581	184	22352	3.900	ng	94
55) Dibenzofuran	14.839	168	449313	7.513	ng	99
56) 4-Nitrophenol	14.728	139	31198	3.797	ng	97
57) 2,4-Dinitrotoluene	14.810	165	98771	6.884	ng	97
58) Fluorene	15.492	166	362504	7.707	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.081	232	95712	6.726	ng	94
60) Diethylphthalate	15.269	149	363790	7.299	ng	99
61) 4-Chlorophenyl-phenyle...	15.486	204	191521	7.392	ng	99
62) 4-Nitroaniline	15.528	138	72332	6.249	ng	96
63) Azobenzene	15.786	77	314649	7.257	ng	96
65) 4,6-Dinitro-2-methylph...	15.592	198	41106	4.593	ng	98
66) n-Nitrosodiphenylamine	15.704	169	313650	7.614	ng	97
67) 4-Bromophenyl-phenylether	16.392	248	121066	7.108	ng	93
68) Hexachlorobenzene	16.510	284	145494	7.422	ng	94
69) Atrazine	16.669	200	116122	8.018	ng	98
70) Pentachlorophenol	16.875	266	61407	5.860	ng	100
71) Phenanthrene	17.245	178	581095	7.799	ng	99
72) Anthracene	17.339	178	567843	7.719	ng	100
73) Carbazole	17.616	167	514511	7.151	ng	99
74) Di-n-butylphthalate	18.175	149	611111	7.248	ng	99
75) Fluoranthene	19.222	202	704700	7.812	ng	98
77) Benzidine	19.416	184	283399	7.552	ng	98
78) Pyrene	19.580	202	742969	7.364	ng	98
80) Butylbenzylphthalate	20.463	149	289983	6.762	ng	94
81) Benzo(a)anthracene	21.298	228	770875	7.664	ng	98
82) 3,3'-Dichlorobenzidine	21.239	252	293205	7.545	ng	99
83) Chrysene	21.351	228	731449	7.679	ng	99
84) Bis(2-ethylhexyl)phtha...	21.233	149	442570	7.404	ng	99
85) Di-n-octyl phthalate	22.157	149	740829	7.191	ng	98
87) Indeno(1,2,3-cd)pyrene	26.215	276	874919	7.232	ng	96
88) Benzo(b)fluoranthene	22.980	252	799643	8.400	ng	98
89) Benzo(k)fluoranthene	23.033	252	740144	7.941	ng	98
90) Benzo(a)pyrene	23.610	252	748946	9.195	ng	98
91) Dibenzo(a,h)anthracene	26.233	278	781876	7.754	ng	97
92) Benzo(g,h,i)perylene	26.986	276	761791	7.680	ng	95

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

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