Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009504.D
Acq On : 23 Mar 2022 13:16
Operator : CG/JU
Sample : N1645-03
Misc : MDL-MDL-SOIL 4ppm
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 23 13:47:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 23 13:46:21 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.787	152	328130	20.000	ng		-0.01
21) Naphthalene-d8	10.581	136	1202840	20.000	ng		-0.01
39) Acenaphthene-d10	14.434	164	750557	20.000	ng		-0.01
64) Phenanthrene-d10	17.198	188	1616236	20.000	ng		0.00
76) Chrysene-d12	21.316	240	1798398	20.000	ng		0.00
86) Perylene-d12	23.715	264	1978280	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	2171588	115.547	ng		-0.01
7) Phenol-d6	6.975	99	2904220	114.267	ng		-0.02
23) Nitrobenzene-d5	8.946	82	1941570	85.777	ng		-0.01
42) 2,4,6-Tribromophenol	15.934	330	1245201	100.537	ng		-0.01
45) 2-Fluorobiphenyl	13.057	172	4489907	82.929	ng		0.00
79) Terphenyl-d14	19.780	244	7467933	74.534	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	29891	4.015	ng		97
3) Pyridine	3.734	79	60242	3.005	ng	#	91
4) n-Nitrosodimethylamine	3.640	42	28186	3.817	ng	#	79
6) Aniline	7.122	93	113902	3.932	ng		98
8) 2-Chlorophenol	7.358	128	78556	3.666	ng		91
9) Benzaldehyde	6.940	77	70720m	5.250	ng		
10) Phenol	7.005	94	92280	3.619	ng		82
11) bis(2-Chloroethyl)ether	7.222	93	73667	3.651	ng		97
12) 1,3-Dichlorobenzene	7.681	146	88212	3.647	ng		97
13) 1,4-Dichlorobenzene	7.822	146	89331	3.612	ng		98
14) 1,2-Dichlorobenzene	8.140	146	86067	3.601	ng		99
15) Benzyl Alcohol	8.110	79	92497m	4.565	ng		
16) 2,2'-oxybis(1-Chloropr...	8.322	45	84349	3.856	ng		89
17) 2-Methylphenol	8.252	107	56689	3.226	ng		98
18) Hexachloroethane	8.863	117	30135	3.477	ng		96
19) n-Nitroso-di-n-propyla...	8.599	70	51072	3.177	ng		96
20) 3+4-Methylphenols	8.599	107	73282	3.033	ng	#	71
22) Acetophenone	8.616	105	108611	3.648	ng	#	94
24) Nitrobenzene	8.987	77	87078	4.072	ng		98
25) Isophorone	9.516	82	143112	3.707	ng		99
26) 2-Nitrophenol	9.716	139	33671	3.021	ng		94
27) 2,4-Dimethylphenol	9.787	122	60578	3.852	ng		94
28) bis(2-Chloroethoxy)met...	10.010	93	87877	3.496	ng		98
29) 2,4-Dichlorophenol	10.287	162	60047	3.130	ng		99
30) 1,2,4-Trichlorobenzene	10.451	180	80278	3.612	ng		93
31) Naphthalene	10.634	128	231566	3.737	ng		100
33) 4-Chloroaniline	10.769	127	87087	3.445	ng		99
34) Hexachlorobutadiene	10.922	225	49686	3.299	ng		97
35) Caprolactam	11.546	113	19211	2.967	ng		93
36) 4-Chloro-3-methylphenol	11.910	107	65047	3.155	ng		99
37) 2-Methylnaphthalene	12.257	142	155032	3.566	ng		99
38) 1-Methylnaphthalene	12.475	142	150325	3.550	ng		100
40) 1,2,4,5-Tetrachloroben...	12.628	216	89665	3.601	ng		97
43) 2,4,6-Trichlorophenol	12.881	196	48808	2.957	ng		99
44) 2,4,5-Trichlorophenol	12.975	196	51486	2.872	ng		95
46) 1,1'-Biphenyl	13.269	154	217401	3.883	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	13.304	162	161596	3.666	ng		100
48)	2-Nitroaniline	13.528	65	36567	3.046	ng		96
49)	Acenaphthylene	14.157	152	259318	3.811	ng		99
50)	Dimethylphthalate	13.898	163	195913	3.445	ng		99
51)	2,6-Dinitrotoluene	14.016	165	38180	3.204	ng		97
52)	Acenaphthene	14.498	154	150634	3.706	ng		98
53)	3-Nitroaniline	14.357	138	38438	3.054	ng	#	96
55)	Dibenzofuran	14.839	168	249920	3.659	ng		100
57)	2,4-Dinitrotoluene	14.816	165	45318	2.766	ng	#	88
58)	Fluorene	15.486	166	194976	3.630	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.081	232	47670	2.934	ng		95
60)	Diethylphthalate	15.263	149	199506	3.505	ng		100
61)	4-Chlorophenyl-phenyle...	15.486	204	101608	3.434	ng		97
62)	4-Nitroaniline	15.539	138	35159m	2.660	ng		
63)	Azobenzene	15.781	77	169326	3.420	ng		97
66)	n-Nitrosodiphenylamine	15.704	169	170999	3.575	ng		97
67)	4-Bromophenyl-phenylether	16.386	248	63134	3.192	ng		94
68)	Hexachlorobenzene	16.504	284	76033	3.340	ng		97
69)	Atrazine	16.669	200	59113	3.515	ng		97
71)	Phenanthrene	17.239	178	323535	3.740	ng		99
72)	Anthracene	17.333	178	316823	3.709	ng		99
73)	Carbazole	17.622	167	293927	3.518	ng		100
74)	Di-n-butylphthalate	18.169	149	339435	3.467	ng		99
75)	Fluoranthene	19.227	202	396403	3.785	ng		98
77)	Benzidine	19.422	184	200991	4.560	ng		97
78)	Pyrene	19.580	202	414002	3.493	ng		100
80)	Butylbenzylphthalate	20.457	149	168805	3.351	ng		99
81)	Benzo(a)anthracene	21.298	228	440319	3.727	ng		99
82)	3,3'-Dichlorobenzidine	21.239	252	169899	3.722	ng		98
83)	Chrysene	21.351	228	409260	3.658	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.233	149	269948	3.845	ng		100
85)	Di-n-octyl phthalate	22.157	149	466060	3.851	ng		99
87)	Indeno(1,2,3-cd)pyrene	26.227	276	533479	3.554	ng		96
88)	Benzo(b)fluoranthene	22.986	252	447668	3.791	ng		100
89)	Benzo(k)fluoranthene	23.033	252	452396	3.912	ng		98
90)	Benzo(a)pyrene	23.610	252	446943	4.423	ng		99
91)	Dibenzo(a,h)anthracene	26.239	278	468895	3.749	ng		100
92)	Benzo(g,h,i)perylene	26.992	276	462663	3.760	ng		97

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

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