Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011623\
Data File : BP013476.D
Acq On : 16 Jan 2023 11:26
Operator : CG/JU
Sample : N3214-01
Misc : LOD-MDL-SOIL 4ppm
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 17 03:41:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 13 03:32:57 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
01/17/2023
Supervised By :Jagrut Upadhyay
01/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	548629	20.000	ng		0.00
21) Naphthalene-d8	10.722	136	2279808	20.000	ng		0.00
39) Acenaphthene-d10	14.557	164	1577188	20.000	ng		0.00
64) Phenanthrene-d10	17.316	188	3704924	20.000	ng		0.00
76) Chrysene-d12	21.410	240	3817855	20.000	ng		0.00
86) Perylene-d12	23.874	264	4341580	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	2866396	91.777	ng		0.00
7) Phenol-d6	7.075	99	3898842	88.314	ng		0.00
23) Nitrobenzene-d5	9.081	82	2996881	69.838	ng		0.00
42) 2,4,6-Tribromophenol	16.051	330	2289320	92.989	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	7650596	70.911	ng		0.00
79) Terphenyl-d14	19.874	244	11947759	63.979	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	47246	3.858	ng		99
3) Pyridine	3.758	79	117075	3.066	ng		94
4) n-Nitrosodimethylamine	3.658	42	64242	3.509	ng	#	96
6) Aniline	7.234	93	199513	3.382	ng		99
8) 2-Chlorophenol	7.469	128	128664	3.560	ng		99
9) Benzaldehyde	7.046	77	112868m	4.235	ng		
10) Phenol	7.099	94	161700	3.549	ng		96
11) bis(2-Chloroethyl)ether	7.328	93	130289	3.527	ng		98
12) 1,3-Dichlorobenzene	7.793	146	143582	3.770	ng		98
13) 1,4-Dichlorobenzene	7.940	146	146287	3.769	ng		99
14) 1,2-Dichlorobenzene	8.263	146	141248	3.725	ng		97
15) Benzyl Alcohol	8.152	79	110903	3.260	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.434	45	205222	3.591	ng		98
17) 2-Methylphenol	8.357	107	104082	3.085	ng		97
18) Hexachloroethane	8.987	117	49924	3.632	ng		96
19) n-Nitroso-di-n-propyla...	8.716	70	108759	3.452	ng		96
20) 3+4-Methylphenols	8.681	107	142838	3.048	ng		97
22) Acetophenone	8.740	105	205864	3.526	ng	#	96
24) Nitrobenzene	9.122	77	162936	3.671	ng		99
25) Isophorone	9.646	82	293939	3.328	ng		100
26) 2-Nitrophenol	9.834	139	68895	3.140	ng		95
27) 2,4-Dimethylphenol	9.893	122	116990	3.239	ng		98
28) bis(2-Chloroethoxy)met...	10.128	93	179145	3.439	ng		99
29) 2,4-Dichlorophenol	10.369	162	124863	3.294	ng		97
30) 1,2,4-Trichlorobenzene	10.581	180	142504	3.553	ng		100
31) Naphthalene	10.769	128	423852	3.516	ng		99
32) Benzoic acid	9.963	122	69626	2.311	ng		97
33) 4-Chloroaniline	10.887	127	172507	3.132	ng		97
34) Hexachlorobutadiene	11.051	225	93224	3.687	ng		100
35) Caprolactam	11.675	113	41705	3.088	ng		98
36) 4-Chloro-3-methylphenol	12.010	107	133952	3.243	ng		98
37) 2-Methylnaphthalene	12.381	142	303639	3.355	ng		99
38) 1-Methylnaphthalene	12.598	142	297967	3.490	ng		99
40) 1,2,4,5-Tetrachloroben...	12.745	216	178141	3.446	ng		99
41) Hexachlorocyclopentadiene	12.722	237	76626	2.843	ng		93
43) 2,4,6-Trichlorophenol	12.992	196	112419	3.163	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	122021	2.926	ng	97
46) 1,1'-Biphenyl	13.387	154	436025	3.657	ng	99
47) 2-Chloronaphthalene	13.434	162	327987	3.586	ng	99
48) 2-Nitroaniline	13.640	65	85799	2.850	ng	87
49) Acenaphthylene	14.281	152	501758	3.327	ng	99
50) Dimethylphthalate	14.010	163	434552	3.475	ng	98
51) 2,6-Dinitrotoluene	14.139	165	84808	3.109	ng	96
52) Acenaphthene	14.622	154	312894	3.505	ng	98
53) 3-Nitroaniline	14.469	138	82418	2.824	ng	98
54) 2,4-Dinitrophenol	14.681	184	39747	2.144	ng	91
55) Dibenzofuran	14.957	168	528002	3.568	ng	97
56) 4-Nitrophenol	14.781	139	63266	2.698	ng	97
57) 2,4-Dinitrotoluene	14.928	165	105222	2.820	ng	89
58) Fluorene	15.610	166	418868	3.586	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	111977	3.105	ng	98
60) Diethylphthalate	15.375	149	411568	3.363	ng	100
61) 4-Chlorophenyl-phenyle...	15.598	204	221674	3.574	ng	98
62) 4-Nitroaniline	15.634	138	77808m	2.604	ng	
63) Azobenzene	15.892	77	362603	3.227	ng	98
65) 4,6-Dinitro-2-methylph...	15.692	198	58844	2.322	ng	88
66) n-Nitrosodiphenylamine	15.816	169	363926	3.343	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	140092	3.285	ng	97
68) Hexachlorobenzene	16.616	284	165709	3.568	ng	97
69) Atrazine	16.775	200	135158	3.390	ng	99
70) Pentachlorophenol	16.969	266	83832	2.463	ng	98
71) Phenanthrene	17.363	178	701971	3.591	ng	98
72) Anthracene	17.451	178	680796	3.423	ng	99
73) Carbazole	17.728	167	615740	3.399	ng	100
74) Di-n-butylphthalate	18.263	149	676466	3.217	ng	99
75) Fluoranthene	19.327	202	839219	3.574	ng	98
77) Benzidine	19.510	184	393772	3.471	ng	99
78) Pyrene	19.680	202	876600	3.491	ng	97
80) Butylbenzylphthalate	20.545	149	318639	2.936	ng	96
81) Benzo(a)anthracene	21.392	228	925550	3.600	ng	98
82) 3,3'-Dichlorobenzidine	21.321	252	343070	3.571	ng	99
83) Chrysene	21.445	228	870299	3.582	ng	97
84) Bis(2-ethylhexyl)phtha...	21.304	149	484063	3.082	ng	99
85) Di-n-octyl phthalate	22.245	149	844883	3.168	ng	98
87) Indeno(1,2,3-cd)pyrene	26.439	276	985810	3.140	ng	100
88) Benzo(b)fluoranthene	23.115	252	930759	3.611	ng	98
89) Benzo(k)fluoranthene	23.163	252	927649	3.708	ng	99
90) Benzo(a)pyrene	23.762	252	819828	3.237	ng	99
91) Dibenzo(a,h)anthracene	26.456	278	847510	3.242	ng	98
92) Benzo(g,h,i)perylene	27.233	276	844055	3.272	ng	99

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

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