Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
Data File : BP019546.D
Acq On : 03 Feb 2024 01:49
Operator : MA/JU
Sample : P1187-01
Misc : LOD-MDL-SOIL 4PPM
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Feb 03 03:20:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	64205	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	234501	20.000	ng		0.00
39) Acenaphthene-d10	14.539	164	151691	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	369297	20.000	ng		0.00
76) Chrysene-d12	21.386	240	439996	20.000	ng		0.00
86) Perylene-d12	23.804	264	521435	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	521465	130.918	ng		0.00
7) Phenol-d6	7.075	99	664575	123.740	ng		-0.01
23) Nitrobenzene-d5	9.075	82	423125	78.186	ng		-0.01
42) 2,4,6-Tribromophenol	16.034	330	332274	150.025	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	948203	77.275	ng		0.00
79) Terphenyl-d14	19.863	244	2012025	75.202	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	6472	4.217	ng		92
3) Pyridine	3.793	79	15149	3.641	ng	#	94
4) n-Nitrosodimethylamine	3.711	42	6632	3.661	ng	#	91
6) Aniline	7.240	93	22356	4.284	ng	#	91
8) 2-Chlorophenol	7.469	128	14438	3.531	ng		99
9) Benzaldehyde	7.058	77	16484	4.378	ng		87
10) Phenol	7.105	94	20363	3.804	ng		92
11) bis(2-Chloroethyl)ether	7.346	93	14143	3.396	ng		90
12) 1,3-Dichlorobenzene	7.799	146	18323	3.662	ng		93
13) 1,4-Dichlorobenzene	7.946	146	19291	3.805	ng		98
14) 1,2-Dichlorobenzene	8.257	146	18332	3.737	ng		91
15) Benzyl Alcohol	8.157	79	15304	3.566	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.440	45	14827	3.560	ng		95
17) 2-Methylphenol	8.352	107	13092	3.633	ng		94
18) Hexachloroethane	8.981	117	6804	3.463	ng		99
19) n-Nitroso-di-n-propyla...	8.722	70	12538	3.418	ng		93
20) 3+4-Methylphenols	8.681	107	17097	3.476	ng		93
22) Acetophenone	8.740	105	26143	3.913	ng	#	96
24) Nitrobenzene	9.122	77	20657	3.791	ng		98
25) Isophorone	9.646	82	32174	3.414	ng	#	94
26) 2-Nitrophenol	9.828	139	6830	3.287	ng		95
27) 2,4-Dimethylphenol	9.887	122	11585	4.361	ng		93
28) bis(2-Chloroethoxy)met...	10.134	93	19043	3.571	ng	#	96
29) 2,4-Dichlorophenol	10.357	162	14576	3.630	ng		91
30) 1,2,4-Trichlorobenzene	10.575	180	18473	3.752	ng		95
31) Naphthalene	10.757	128	47148	3.666	ng		99
32) Benzoic acid	9.940	122	6851	2.647	ng	#	78
33) 4-Chloroaniline	10.881	127	19020	3.999	ng		97
34) Hexachlorobutadiene	11.040	225	13867	3.800	ng		96
35) Caprolactam	11.651	113	4120	3.624	ng	#	84
36) 4-Chloro-3-methylphenol	11.993	107	14817	3.384	ng		98
37) 2-Methylnaphthalene	12.369	142	31860	3.580	ng		96
38) 1-Methylnaphthalene	12.587	142	31538m	3.606	ng		
40) 1,2,4,5-Tetrachloroben...	12.728	216	22420	3.832	ng		97
41) Hexachlorocyclopentadiene	12.704	237	11863	4.489	ng		97
43) 2,4,6-Trichlorophenol	12.975	196	11613	3.278	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	13178	3.388	ng		97
46) 1,1'-Biphenyl	13.381	154	44719	3.694	ng		97
47) 2-Chloronaphthalene	13.416	162	37027	3.726	ng		99
48) 2-Nitroaniline	13.634	65	8802	3.167	ng		95
49) Acenaphthylene	14.263	152	56266	4.035	ng		99
50) Dimethylphthalate	14.010	163	45778	3.942	ng		98
51) 2,6-Dinitrotoluene	14.134	165	8309	3.257	ng		94
52) Acenaphthene	14.604	154	31369	3.625	ng		95
53) 3-Nitroaniline	14.457	138	8645	3.687	ng		88
54) 2,4-Dinitrophenol	14.663	184	4170	3.148	ng	#	74
55) Dibenzofuran	14.939	168	56223	3.989	ng		99
56) 4-Nitrophenol	14.757	139	7406	3.854	ng		97
57) 2,4-Dinitrotoluene	14.916	165	11429	3.418	ng		97
58) Fluorene	15.592	166	43487	3.874	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.163	232	12091	3.695	ng		99
60) Diethylphthalate	15.375	149	45984	3.981	ng		98
61) 4-Chlorophenyl-phenyle...	15.592	204	24831	3.935	ng		94
62) 4-Nitroaniline	15.616	138	9558	3.889	ng		91
63) Azobenzene	15.886	77	42365	3.793	ng		97
65) 4,6-Dinitro-2-methylph...	15.669	198	5649	2.683	ng		99
66) n-Nitrosodiphenylamine	15.810	169	37521	3.392	ng		99
67) 4-Bromophenyl-phenylether	16.492	248	14836	3.214	ng		96
68) Hexachlorobenzene	16.586	284	18689	3.467	ng		96
69) Atrazine	16.769	200	15470	4.215	ng		94
70) Pentachlorophenol	16.933	266	10170m	3.029	ng		
71) Phenanthrene	17.339	178	73980	3.807	ng		99
72) Anthracene	17.428	178	73667	3.800	ng		100
73) Carbazole	17.704	167	67747	3.847	ng		96
74) Di-n-butylphthalate	18.269	149	78014	3.663	ng		98
75) Fluoranthene	19.304	202	95710	4.031	ng		99
77) Benzidine	19.498	184	49264	5.355	ng		98
78) Pyrene	19.657	202	103300	3.327	ng		99
80) Butylbenzylphthalate	20.551	149	34981	3.016	ng		98
81) Benzo(a)anthracene	21.369	228	115474	3.728	ng		100
82) 3,3'-Dichlorobenzidine	21.310	252	40365	3.576	ng		93
83) Chrysene	21.421	228	107414	3.653	ng		98
84) Bis(2-ethylhexyl)phtha...	21.321	149	57930	3.281	ng		97
85) Di-n-octyl phthalate	22.263	149	95161	3.063	ng		100
87) Indeno(1,2,3-cd)pyrene	26.321	276	135565	3.396	ng		99
88) Benzo(b)fluoranthene	23.063	252	117016	3.561	ng		99
89) Benzo(k)fluoranthene	23.115	252	112796	3.593	ng		99
90) Benzo(a)pyrene	23.692	252	101642	3.476	ng		99
91) Dibenzo(a,h)anthracene	26.351	278	114843	3.498	ng		95
92) Benzo(g,h,i)perylene	27.086	276	109428	3.286	ng		99

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

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