Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110824\
Data File : BP022928.D
Acq On : 08 Nov 2024 10:36
Operator : RC/JU
Sample : P4368-02
Misc : LOQ-SOIL-10 PPM
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 08 11:05:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 23:36:11 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.599	152	51769	20.000	ng		0.00
21) Naphthalene-d8	10.351	136	193021	20.000	ng		0.00
39) Acenaphthene-d10	14.222	164	157110	20.000	ng		0.00
64) Phenanthrene-d10	17.022	188	407633	20.000	ng		0.00
76) Chrysene-d12	21.463	240	514057	20.000	ng		0.00
86) Perylene-d12	24.692	264	626769	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.234	112	318279	116.676	ng		0.00
7) Phenol-d6	6.799	99	438336	115.223	ng		0.00
23) Nitrobenzene-d5	8.746	82	352040	86.166	ng		0.00
42) 2,4,6-Tribromophenol	15.745	330	382056	125.458	ng		0.00
45) 2-Fluorobiphenyl	12.828	172	922776	83.923	ng		0.01
79) Terphenyl-d14	19.763	244	2148352	78.486	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	11947	10.970	ng		95
3) Pyridine	3.587	79	26359	8.815	ng		99
4) n-Nitrosodimethylamine	3.493	42	15449	10.717	ng	#	93
6) Aniline	6.946	93	39676	12.511	ng		98
8) 2-Chlorophenol	7.175	128	28907	10.109	ng		93
9) Benzaldehyde	6.769	77	29521m	13.427	ng		
10) Phenol	6.822	94	37173	9.867	ng		90
11) bis(2-Chloroethyl)ether	7.034	93	28724	10.091	ng		96
12) 1,3-Dichlorobenzene	7.487	146	36341	9.959	ng		98
13) 1,4-Dichlorobenzene	7.634	146	36398	9.768	ng		97
14) 1,2-Dichlorobenzene	7.946	146	35744	9.921	ng		94
15) Benzyl Alcohol	7.846	79	24608	8.540	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.104	45	33633	10.891	ng		97
17) 2-Methylphenol	8.051	107	24548	9.599	ng		95
18) Hexachloroethane	8.651	117	13465	9.768	ng		96
19) n-Nitroso-di-n-propyla...	8.393	70	25892	9.944	ng	#	98
20) 3+4-Methylphenols	8.381	107	33087	9.257	ng		98
22) Acetophenone	8.410	105	53904	10.492	ng	#	96
24) Nitrobenzene	8.781	77	43255	10.423	ng		96
25) Isophorone	9.304	82	69686	10.078	ng		98
26) 2-Nitrophenol	9.487	139	16245	9.532	ng		96
27) 2,4-Dimethylphenol	9.551	122	16775	8.620	ng		96
28) bis(2-Chloroethoxy)met...	9.781	93	39156	9.969	ng		98
29) 2,4-Dichlorophenol	10.034	162	31692	9.408	ng		93
30) 1,2,4-Trichlorobenzene	10.216	180	41131	9.551	ng		96
31) Naphthalene	10.398	128	96619	9.990	ng		99
32) Benzoic acid	9.681	122	33715m	14.428	ng		
33) 4-Chloroaniline	10.534	127	36058	10.475	ng		94
34) Hexachlorobutadiene	10.675	225	29927	9.475	ng		98
35) Caprolactam	11.316	113	9476	9.397	ng		96
36) 4-Chloro-3-methylphenol	11.663	107	35191	9.370	ng		99
37) 2-Methylnaphthalene	12.016	142	72375	9.992	ng		99
38) 1-Methylnaphthalene	12.234	142	67144	9.339	ng		96
40) 1,2,4,5-Tetrachloroben...	12.387	216	54380	10.224	ng		99
41) Hexachlorocyclopentadiene	12.357	237	12543	8.397	ng		98
43) 2,4,6-Trichlorophenol	12.639	196	31893	9.428	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.734	196	35762	9.287	ng		94
46) 1,1'-Biphenyl	13.034	154	107823	10.324	ng		98
47) 2-Chloronaphthalene	13.075	162	85572	9.873	ng		99
48) 2-Nitroaniline	13.304	65	22884	9.062	ng		91
49) Acenaphthylene	13.939	152	130581	10.788	ng		98
50) Dimethylphthalate	13.669	163	115841	10.071	ng		99
51) 2,6-Dinitrotoluene	13.792	165	23724	9.070	ng		90
52) Acenaphthene	14.286	154	75453	9.694	ng		97
53) 3-Nitroaniline	14.139	138	19683	9.262	ng		96
54) 2,4-Dinitrophenol	14.375	184	12412	7.647	ng		92
55) Dibenzofuran	14.628	168	138854	10.158	ng		98
56) 4-Nitrophenol	14.498	139	14403	8.241	ng		93
57) 2,4-Dinitrotoluene	14.622	165	34731	9.185	ng	#	92
58) Fluorene	15.286	166	111528	9.821	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.857	232	35591	9.583	ng		98
60) Diethylphthalate	15.057	149	108203	9.458	ng		99
61) 4-Chlorophenyl-phenyle...	15.286	204	66562	9.945	ng		95
62) 4-Nitroaniline	15.339	138	21068m	9.661	ng		
63) Azobenzene	15.580	77	100560	10.222	ng		96
65) 4,6-Dinitro-2-methylph...	15.398	198	33985	13.704	ng		96
66) n-Nitrosodiphenylamine	15.498	169	97969	9.721	ng		98
67) 4-Bromophenyl-phenylether	16.192	248	45821	9.372	ng		94
68) Hexachlorobenzene	16.316	284	59365	9.480	ng		97
69) Atrazine	16.480	200	42767	12.590	ng		98
70) Pentachlorophenol	16.680	266	34427	8.608	ng		100
71) Phenanthrene	17.069	178	195824	9.926	ng		98
72) Anthracene	17.169	178	192978	10.193	ng		99
73) Carbazole	17.457	167	176821	9.779	ng		99
74) Di-n-butylphthalate	18.027	149	184637	9.162	ng		100
75) Fluoranthene	19.157	202	263232	9.619	ng		99
77) Benzidine	19.369	184	117624	11.581	ng		97
78) Pyrene	19.533	202	268451	8.822	ng		99
80) Butylbenzylphthalate	20.492	149	88772	8.556	ng		93
81) Benzo(a)anthracene	21.439	228	309411	9.673	ng		100
82) 3,3'-Dichlorobenzidine	21.368	252	119977	9.265	ng		97
83) Chrysene	21.510	228	292735	9.770	ng		99
84) Bis(2-ethylhexyl)phtha...	21.368	149	129004	8.664	ng		98
85) Di-n-octyl phthalate	22.598	149	221494	8.902	ng		99
87) Indeno(1,2,3-cd)pyrene	28.350	276	437988	10.361	ng	#	97
88) Benzo(b)fluoranthene	23.668	252	354432m	9.625	ng		
89) Benzo(k)fluoranthene	23.739	252	348709	10.029	ng		100
90) Benzo(a)pyrene	24.533	252	330896	10.502	ng		99
91) Dibenzo(a,h)anthracene	28.415	278	350895	10.122	ng		97
92) Benzo(g,h,i)perylene	29.486	276	334025	9.403	ng		98

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

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