Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020124\
Data File : BP019508.D
Acq On : 01 Feb 2024 15:06
Operator : MA/JU
Sample : 03572-02
Misc : LOQ-SOIL-05PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 01 16:22:39 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 :
LOQ-SOIL-02-QT3-2023

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	7.911	152	85562	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	338749	20.000	ng		0.00
39) Acenaphthene-d10	14.546	164	210318	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	421672	20.000	ng		0.00
76) Chrysene-d12	21.392	240	440839	20.000	ng		0.00
86) Perylene-d12	23.816	264	555464	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	449468	84.676	ng		0.00
7) Phenol-d6	7.075	99	581475	81.243	ng		-0.01
23) Nitrobenzene-d5	9.081	82	879472	112.499	ng		0.00
42) 2,4,6-Tribromophenol	16.040	330	241422	78.619	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	1932081	113.566	ng		0.00
79) Terphenyl-d14	19.875	244	2841186	105.990	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	9843	4.813	ng		98
3) Pyridine	3.793	79	22467	4.052	ng		98
4) n-Nitrosodimethylamine	3.711	42	10093	4.181	ng	#	97
6) Aniline	7.240	93	36121	5.194	ng		99
8) 2-Chlorophenol	7.475	128	23290	4.274	ng		91
9) Benzaldehyde	7.058	77	25312	5.044	ng		96
10) Phenol	7.105	94	31423	4.405	ng		95
11) bis(2-Chloroethyl)ether	7.346	93	24905	4.488	ng		95
12) 1,3-Dichlorobenzene	7.799	146	29007	4.350	ng		96
13) 1,4-Dichlorobenzene	7.946	146	29726	4.400	ng		99
14) 1,2-Dichlorobenzene	8.264	146	28068	4.294	ng		95
15) Benzyl Alcohol	8.158	79	24499	4.284	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.446	45	25097	4.522	ng		99
17) 2-Methylphenol	8.358	107	19604	4.082	ng		97
18) Hexachloroethane	8.981	117	11276	4.306	ng		93
19) n-Nitroso-di-n-propyla...	8.722	70	20420	4.177	ng	#	98
20) 3+4-Methylphenols	8.681	107	28002	4.272	ng		95
22) Acetophenone	8.740	105	41902	4.342	ng	#	98
24) Nitrobenzene	9.122	77	34801	4.421	ng		99
25) Isophorone	9.646	82	55596	4.083	ng		98
26) 2-Nitrophenol	9.828	139	11241	3.745	ng		99
27) 2,4-Dimethylphenol	9.887	122	18899	4.925	ng		96
28) bis(2-Chloroethoxy)met...	10.140	93	32756	4.252	ng		99
29) 2,4-Dichlorophenol	10.363	162	22442	3.869	ng		97
30) 1,2,4-Trichlorobenzene	10.575	180	29425	4.137	ng		98
31) Naphthalene	10.763	128	77609	4.177	ng		99
32) Benzoic acid	9.952	122	12086m	3.232	ng		
33) 4-Chloroaniline	10.881	127	30741	4.474	ng		98
34) Hexachlorobutadiene	11.040	225	21260	4.033	ng		94
35) Caprolactam	11.652	113	5945	3.620	ng		93
36) 4-Chloro-3-methylphenol	11.999	107	25052	3.960	ng		96
37) 2-Methylnaphthalene	12.375	142	52202	4.060	ng		96
38) 1-Methylnaphthalene	12.593	142	50643	4.008	ng		100
40) 1,2,4,5-Tetrachloroben...	12.734	216	35820	4.416	ng		97
41) Hexachlorocyclopentadiene	12.704	237	19833	5.413	ng		96
43) 2,4,6-Trichlorophenol	12.981	196	19411	3.952	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	20994	3.893	ng		96
46) 1,1'-Biphenyl	13.387	154	71696	4.271	ng		98
47) 2-Chloronaphthalene	13.428	162	57895	4.202	ng		96
48) 2-Nitroaniline	13.634	65	14048	3.646	ng		96
49) Acenaphthylene	14.269	152	86741	4.487	ng		98
50) Dimethylphthalate	14.016	163	67643	4.201	ng		99
51) 2,6-Dinitrotoluene	14.134	165	13048	3.689	ng		98
52) Acenaphthene	14.610	154	49955	4.163	ng		100
53) 3-Nitroaniline	14.463	138	12065	3.711	ng	#	87
54) 2,4-Dinitrophenol	14.669	184	5137	2.797	ng		98
55) Dibenzofuran	14.946	168	83382	4.267	ng		98
56) 4-Nitrophenol	14.763	139	9169	3.441	ng		92
57) 2,4-Dinitrotoluene	14.916	165	15377	3.317	ng	#	91
58) Fluorene	15.598	166	63691	4.092	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	17472	3.851	ng		98
60) Diethylphthalate	15.381	149	62430	3.898	ng		100
61) 4-Chlorophenyl-phenyle...	15.598	204	35945	4.109	ng		95
62) 4-Nitroaniline	15.622	138	11718	3.439	ng		94
63) Azobenzene	15.893	77	60646	3.916	ng		98
65) 4,6-Dinitro-2-methylph...	15.675	198	7548	3.139	ng		92
66) n-Nitrosodiphenylamine	15.816	169	53005	4.197	ng		99
67) 4-Bromophenyl-phenylether	16.498	248	21773	4.130	ng		97
68) Hexachlorobenzene	16.593	284	26223	4.260	ng		97
69) Atrazine	16.775	200	19789	4.722	ng		94
70) Pentachlorophenol	16.945	266	12723	3.319	ng		92
71) Phenanthrene	17.345	178	96346	4.342	ng		98
72) Anthracene	17.440	178	93175	4.209	ng		99
73) Carbazole	17.710	167	81130	4.034	ng		98
74) Di-n-butylphthalate	18.281	149	97324	4.002	ng		100
75) Fluoranthene	19.316	202	109148	4.026	ng		97
77) Benzidine	19.504	184	60443	6.558	ng		98
78) Pyrene	19.663	202	113923	3.662	ng		98
80) Butylbenzylphthalate	20.557	149	42732	3.678	ng		94
81) Benzo(a)anthracene	21.381	228	128750	4.149	ng		99
82) 3,3'-Dichlorobenzidine	21.316	252	49456	4.374	ng	#	99
83) Chrysene	21.433	228	121113	4.111	ng		99
84) Bis(2-ethylhexyl)phtha...	21.328	149	73345	4.146	ng		99
85) Di-n-octyl phthalate	22.275	149	129408	4.157	ng		100
87) Indeno(1,2,3-cd)pyrene	26.345	276	172363	4.054	ng		99
88) Benzo(b)fluoranthene	23.075	252	136238m	3.892	ng		
89) Benzo(k)fluoranthene	23.127	252	137400	4.109	ng		98
90) Benzo(a)pyrene	23.710	252	123739	3.972	ng		98
91) Dibenzo(a,h)anthracene	26.374	278	141151	4.036	ng		96
92) Benzo(g,h,i)perylene	27.115	276	136035	3.834	ng		98

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

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