Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110824\
Data File : BP022935.D
Acq On : 08 Nov 2024 15:30
Operator : RC/JU
Sample : P4368-01
Misc : LOD-MDL-SOIL-4 PPM
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 08 16:00:11 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 :
LOD-MDL-SOIL-01-QT4-2024

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.593	152	52369	20.000	ng		0.00
21) Naphthalene-d8	10.346	136	193788	20.000	ng		0.00
39) Acenaphthene-d10	14.216	164	158856	20.000	ng		0.00
64) Phenanthrene-d10	17.028	188	406037	20.000	ng		0.00
76) Chrysene-d12	21.457	240	491231	20.000	ng		0.00
86) Perylene-d12	24.692	264	597497	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.234	112	307910	111.582	ng		0.00
7) Phenol-d6	6.793	99	409363	106.374	ng		0.00
23) Nitrobenzene-d5	8.740	82	340472	83.004	ng		0.00
42) 2,4,6-Tribromophenol	15.739	330	363016	117.896	ng		0.00
45) 2-Fluorobiphenyl	12.822	172	899341	80.893	ng		0.00
79) Terphenyl-d14	19.757	244	2163746	82.722	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	4761	4.321	ng		90
3) Pyridine	3.599	79	9460m	3.127	ng		
4) n-Nitrosodimethylamine	3.499	42	5870m	4.025	ng		
6) Aniline	6.940	93	14747	4.597	ng		96
8) 2-Chlorophenol	7.169	128	10938	3.781	ng		90
9) Benzaldehyde	6.769	77	12324	5.541	ng		96
10) Phenol	6.816	94	14523	3.811	ng	#	77
11) bis(2-Chloroethyl)ether	7.034	93	10244	3.558	ng		94
12) 1,3-Dichlorobenzene	7.481	146	13478	3.651	ng		96
13) 1,4-Dichlorobenzene	7.628	146	13912	3.691	ng		98
14) 1,2-Dichlorobenzene	7.940	146	13494	3.703	ng		95
15) Benzyl Alcohol	7.852	79	7756	2.661	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.105	45	12635	4.044	ng		97
17) 2-Methylphenol	8.052	107	8779	3.393	ng	#	81
18) Hexachloroethane	8.646	117	5234	3.753	ng		90
19) n-Nitroso-di-n-propyla...	8.393	70	9760	3.705	ng	#	94
20) 3+4-Methylphenols	8.393	107	12277	3.395	ng		87
22) Acetophenone	8.416	105	20255	3.927	ng	#	92
24) Nitrobenzene	8.781	77	16763	4.023	ng		98
25) Isophorone	9.299	82	25644	3.694	ng	#	98
26) 2-Nitrophenol	9.499	139	5416	3.165	ng		91
27) 2,4-Dimethylphenol	9.569	122	7508	3.843	ng		95
28) bis(2-Chloroethoxy)met...	9.787	93	14124	3.582	ng		95
29) 2,4-Dichlorophenol	10.046	162	10960	3.241	ng		92
30) 1,2,4-Trichlorobenzene	10.222	180	15845	3.665	ng		95
31) Naphthalene	10.399	128	36501	3.759	ng		99
32) Benzoic acid	9.669	122	6226m	2.654	ng		
33) 4-Chloroaniline	10.540	127	12684	3.670	ng	#	91
34) Hexachlorobutadiene	10.681	225	11174	3.524	ng		92
35) Caprolactam	11.328	113	3185m	3.146	ng		
36) 4-Chloro-3-methylphenol	11.681	107	11409	3.026	ng		94
37) 2-Methylnaphthalene	12.016	142	26444	3.636	ng		98
38) 1-Methylnaphthalene	12.240	142	24558	3.402	ng	#	93
40) 1,2,4,5-Tetrachloroben...	12.387	216	19534	3.632	ng		97
41) Hexachlorocyclopentadiene	12.357	237	4185	2.771	ng		86
43) 2,4,6-Trichlorophenol	12.651	196	10898m	3.186	ng		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.745	196	11885	3.052	ng	#	95
46) 1,1'-Biphenyl	13.040	154	40590	3.844	ng		97
47) 2-Chloronaphthalene	13.081	162	31511	3.596	ng		99
48) 2-Nitroaniline	13.322	65	7666	3.002	ng		85
49) Acenaphthylene	13.940	152	46929	3.834	ng		98
50) Dimethylphthalate	13.687	163	43226	3.717	ng		97
51) 2,6-Dinitrotoluene	13.804	165	8327	3.149	ng	#	84
52) Acenaphthene	14.281	154	27908	3.546	ng		97
53) 3-Nitroaniline	14.157	138	6549	3.048	ng		98
54) 2,4-Dinitrophenol	14.416	184	3694m	2.251	ng		
55) Dibenzofuran	14.622	168	50906	3.683	ng		97
56) 4-Nitrophenol	14.551	139	3173m	1.795	ng		
57) 2,4-Dinitrotoluene	14.616	165	11358	2.971	ng	#	91
58) Fluorene	15.281	166	40021	3.485	ng		96
59) 2,3,4,6-Tetrachlorophenol	14.875	232	12600	3.355	ng		98
60) Diethylphthalate	15.063	149	40519	3.503	ng		97
61) 4-Chlorophenyl-phenyle...	15.275	204	24097	3.561	ng		95
62) 4-Nitroaniline	15.339	138	6543m	2.968	ng		
63) Azobenzene	15.575	77	34837	3.502	ng		94
65) 4,6-Dinitro-2-methylph...	15.416	198	6421	2.599	ng		96
66) n-Nitrosodiphenylamine	15.504	169	34963	3.483	ng		97
67) 4-Bromophenyl-phenylether	16.198	248	17034	3.498	ng		95
68) Hexachlorobenzene	16.316	284	22182	3.556	ng		97
69) Atrazine	16.486	200	14684	4.340	ng		89
70) Pentachlorophenol	16.686	266	11066m	2.778	ng		
71) Phenanthrene	17.063	178	72751	3.702	ng		97
72) Anthracene	17.157	178	69447	3.683	ng		99
73) Carbazole	17.451	167	60508	3.359	ng		97
74) Di-n-butylphthalate	18.028	149	61929	3.085	ng		100
75) Fluoranthene	19.175	202	89634	3.288	ng		98
77) Benzidine	19.369	184	41082	4.233	ng		99
78) Pyrene	19.551	202	97202	3.343	ng		99
80) Butylbenzylphthalate	20.498	149	28489	2.874	ng		97
81) Benzo(a)anthracene	21.439	228	109397	3.579	ng		100
82) 3,3'-Dichlorobenzidine	21.374	252	39858	3.221	ng	#	98
83) Chrysene	21.510	228	105767	3.694	ng		99
84) Bis(2-ethylhexyl)phtha...	21.374	149	41169	2.894	ng		98
85) Di-n-octyl phthalate	22.592	149	70294	2.956	ng	#	99
87) Indeno(1,2,3-cd)pyrene	28.362	276	148418	3.683	ng	#	95
88) Benzo(b)fluoranthene	23.674	252	118165m	3.366	ng		
89) Benzo(k)fluoranthene	23.739	252	120907	3.648	ng		98
90) Benzo(a)pyrene	24.539	252	107369	3.575	ng		96
91) Dibenzo(a,h)anthracene	28.421	278	120541	3.647	ng		99
92) Benzo(g,h,i)perylene	29.515	276	113451	3.350	ng		98

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

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