Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092622\
Data File : BP011802.D
Acq On : 26 Sep 2022 18:12
Operator : CG/JU
Sample : N4790-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

Quant Time: Sep 27 03:21:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 02:45:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	231380	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1133319	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	757451	20.000	ng	-0.01
64) Phenanthrene-d10	17.316	188	1634947	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1562881	20.000	ng	0.00
86) Perylene-d12	23.839	264	1651962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2455409	186.198	ng	0.00
7) Phenol-d6	7.081	99	3291286	168.797	ng	0.00
23) Nitrobenzene-d5	9.081	82	1961539	90.591	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	1045664	205.021	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	4444490	92.791	ng	-0.01
79) Terphenyl-d14	19.869	244	7039455	103.566	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	229975	41.478	ng	# 62
3) Pyridine	3.769	79	647593	37.846	ng	94
4) n-Nitrosodimethylamine	3.669	42	330893	43.728	ng	# 84
6) Aniline	7.240	93	1092417	45.038	ng	98
8) 2-Chlorophenol	7.475	128	993163	61.903	ng	96
9) Benzaldehyde	7.052	77	531652m	43.582	ng	
10) Phenol	7.105	94	1261640	57.442	ng	98
11) bis(2-Chloroethyl)ether	7.334	93	899234	51.722	ng	96
12) 1,3-Dichlorobenzene	7.799	146	810137	48.054	ng	98
13) 1,4-Dichlorobenzene	7.952	146	838779	48.553	ng	99
14) 1,2-Dichlorobenzene	8.269	146	836329	49.484	ng	99
15) Benzyl Alcohol	8.157	79	882227m	61.239	ng	
16) 2,2'-oxybis(1-Chloropr...	8.446	45	1243433	43.299	ng	94
17) 2-Methylphenol	8.357	107	887124	61.623	ng	98
18) Hexachloroethane	8.999	117	289081	43.707	ng	97
19) n-Nitroso-di-n-propyla...	8.728	70	741887	51.755	ng	91
20) 3+4-Methylphenols	8.687	107	1270084	62.836	ng	99
22) Acetophenone	8.746	105	1493031	52.445	ng	# 95
24) Nitrobenzene	9.122	77	1072791	47.952	ng	96
25) Isophorone	9.657	82	2237387	55.079	ng	98
26) 2-Nitrophenol	9.840	139	469718	51.711	ng	93
27) 2,4-Dimethylphenol	9.899	122	1077273	75.089	ng	98
28) bis(2-Chloroethoxy)met...	10.134	93	1362246	57.544	ng	99
29) 2,4-Dichlorophenol	10.369	162	994890	64.812	ng	99
30) 1,2,4-Trichlorobenzene	10.587	180	794085	49.680	ng	99
31) Naphthalene	10.775	128	2906560	48.375	ng	100
32) Benzoic acid	9.993	122	150225	17.265	ng	99
33) 4-Chloroaniline	10.887	127	413907	16.523	ng	99
34) Hexachlorobutadiene	11.063	225	405421	50.290	ng	97
35) Caprolactam	11.693	113	352573m	56.515	ng	
36) 4-Chloro-3-methylphenol	12.010	107	1196998	64.250	ng	97
37) 2-Methylnaphthalene	12.387	142	2133661	51.422	ng	99
38) 1-Methylnaphthalene	12.604	142	2069796	50.655	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	921602	53.988	ng	99
41) Hexachlorocyclopentadiene	12.728	237	735199	87.818	ng	97
43) 2,4,6-Trichlorophenol	12.993	196	759823	61.491	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	868454	61.147	ng		97
46) 1,1'-Biphenyl	13.392	154	2863334	52.029	ng		99
47) 2-Chloronaphthalene	13.434	162	2155360	50.493	ng		99
48) 2-Nitroaniline	13.640	65	771894	50.718	ng		92
49) Acenaphthylene	14.281	152	3636344	51.321	ng		100
50) Dimethylphthalate	14.022	163	3020212	54.382	ng		100
51) 2,6-Dinitrotoluene	14.140	165	655638	57.179	ng		90
52) Acenaphthene	14.622	154	2187506	50.340	ng		98
53) 3-Nitroaniline	14.469	138	516095	36.749	ng		97
54) 2,4-Dinitrophenol	14.669	184	136074	27.306	ng		94
55) Dibenzofuran	14.957	168	3438365	51.624	ng		99
56) 4-Nitrophenol	14.775	139	1300313	111.494	ng		92
57) 2,4-Dinitrotoluene	14.922	165	913577	53.341	ng		93
58) Fluorene	15.610	166	2826984	50.030	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.187	232	702319m	60.565	ng		
60) Diethylphthalate	15.387	149	3105987	53.562	ng		99
61) 4-Chlorophenyl-phenyle...	15.604	204	1286168	54.441	ng		99
62) 4-Nitroaniline	15.634	138	802784	48.846	ng		98
63) Azobenzene	15.898	77	2995330	47.173	ng		95
65) 4,6-Dinitro-2-methylph...	15.686	198	171275	23.870	ng		87
66) n-Nitrosodiphenylamine	15.822	169	2538863	52.116	ng		98
67) 4-Bromophenyl-phenylether	16.504	248	763657	56.956	ng		93
68) Hexachlorobenzene	16.616	284	801413	56.255	ng		95
69) Atrazine	16.775	200	889970	63.087	ng		99
70) Pentachlorophenol	16.963	266	1053099	101.503	ng		99
71) Phenanthrene	17.357	178	4608499	49.976	ng		100
72) Anthracene	17.451	178	4647095	52.690	ng		100
73) Carbazole	17.722	167	4613720	53.413	ng		99
74) Di-n-butylphthalate	18.269	149	5534176	53.189	ng		99
75) Fluoranthene	19.322	202	5273536	52.605	ng		99
77) Benzidine	19.498	184	2991066	98.609	ng		100
78) Pyrene	19.674	202	5462106	52.303	ng		100
80) Butylbenzylphthalate	20.545	149	2600002	51.006	ng		92
81) Benzo(a)anthracene	21.380	228	5337604	51.762	ng		100
82) 3,3'-Dichlorobenzidine	21.316	252	1086505	36.129	ng		99
83) Chrysene	21.439	228	5027184	51.451	ng		99
84) Bis(2-ethylhexyl)phtha...	21.304	149	3879415	51.791	ng		100
85) Di-n-octyl phthalate	22.239	149	6735025	56.522	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.404	276	6221660	48.132	ng		98
88) Benzo(b)fluoranthene	23.098	252	5666127	55.244	ng		99
89) Benzo(k)fluoranthene	23.151	252	5536459	52.681	ng		98
90) Benzo(a)pyrene	23.733	252	5016116	57.805	ng		99
91) Dibenzo(a,h)anthracene	26.427	278	5429916	50.595	ng		98
92) Benzo(g,h,i)perylene	27.192	276	5249274	50.528	ng		99

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

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