Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092622\
Data File : BP011801.D
Acq On : 26 Sep 2022 17:37
Operator : CG/JU
Sample : N4790-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 27 03:20:18 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

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

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	292266	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1357383	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	853282	20.000	ng	-0.01
64) Phenanthrene-d10	17.316	188	1755037	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1631259	20.000	ng	0.00
86) Perylene-d12	23.845	264	1718981	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2936019	176.262	ng	0.00
7) Phenol-d6	7.081	99	3807372	154.587	ng	0.00
23) Nitrobenzene-d5	9.087	82	2354487	90.789	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	1118932	194.748	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	5047679	93.549	ng	0.00
79) Terphenyl-d14	19.869	244	7349433	103.594	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	315128	44.996	ng	# 60
3) Pyridine	3.775	79	830587	38.428	ng	94
4) n-Nitrosodimethylamine	3.670	42	441996	46.242	ng	# 90
6) Aniline	7.240	93	1090527	35.594	ng	100
8) 2-Chlorophenol	7.475	128	1187412	58.592	ng	96
9) Benzaldehyde	7.052	77	618869m	40.163	ng	
10) Phenol	7.105	94	1459356	52.602	ng	99
11) bis(2-Chloroethyl)ether	7.340	93	1133872	51.632	ng	96
12) 1,3-Dichlorobenzene	7.805	146	1029247	48.332	ng	98
13) 1,4-Dichlorobenzene	7.952	146	1059133	48.536	ng	100
14) 1,2-Dichlorobenzene	8.269	146	1047591	49.071	ng	100
15) Benzyl Alcohol	8.163	79	1032539m	56.741	ng	
16) 2,2'-oxybis(1-Chloropr...	8.452	45	1580042	43.558	ng	95
17) 2-Methylphenol	8.363	107	1034313	56.880	ng	98
18) Hexachloroethane	8.999	117	371639	44.483	ng	97
19) n-Nitroso-di-n-propyla...	8.734	70	886013	48.933	ng	91
20) 3+4-Methylphenols	8.693	107	1446073	56.639	ng	99
22) Acetophenone	8.746	105	1769234	51.889	ng	96
24) Nitrobenzene	9.128	77	1288633	48.092	ng	96
25) Isophorone	9.657	82	2581059	53.051	ng	98
26) 2-Nitrophenol	9.840	139	554219	50.992	ng	94
27) 2,4-Dimethylphenol	9.899	122	1231967	71.697	ng	99
28) bis(2-Chloroethoxy)met...	10.140	93	1606564	56.662	ng	99
29) 2,4-Dichlorophenol	10.369	162	1126814	61.289	ng	99
30) 1,2,4-Trichlorobenzene	10.587	180	956553	49.966	ng	99
31) Naphthalene	10.775	128	3485249	48.431	ng	100
32) Benzoic acid	9.993	122	113046	13.360	ng	98
33) 4-Chloroaniline	10.893	127	354071	11.801	ng	99
34) Hexachlorobutadiene	11.063	225	494261	51.189	ng	97
35) Caprolactam	11.699	113	370574m	49.595	ng	
36) 4-Chloro-3-methylphenol	12.016	107	1321199	59.211	ng	98
37) 2-Methylnaphthalene	12.387	142	2489137	50.087	ng	100
38) 1-Methylnaphthalene	12.604	142	2401956	49.081	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	1076747	55.993	ng	99
41) Hexachlorocyclopentadiene	12.734	237	919819	97.531	ng	96
43) 2,4,6-Trichlorophenol	12.993	196	835389	60.013	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.063	196	939784	58.738	ng		98
46)	1,1'-Biphenyl	13.393	154	3270195	52.749	ng		98
47)	2-Chloronaphthalene	13.434	162	2452508	51.001	ng		98
48)	2-Nitroaniline	13.640	65	845059	49.289	ng		93
49)	Acenaphthylene	14.281	152	4112025	51.517	ng		100
50)	Dimethylphthalate	14.022	163	3298529	52.723	ng		100
51)	2,6-Dinitrotoluene	14.140	165	718974	55.660	ng		92
52)	Acenaphthene	14.622	154	2451543	50.080	ng		100
53)	3-Nitroaniline	14.469	138	542919	34.317	ng		97
54)	2,4-Dinitrophenol	14.669	184	171593	29.764	ng		94
55)	Dibenzofuran	14.957	168	3826857	51.004	ng		100
56)	4-Nitrophenol	14.781	139	1371140	104.363	ng		90
57)	2,4-Dinitrotoluene	14.928	165	994609	51.636	ng		87
58)	Fluorene	15.610	166	3108804	48.838	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.187	232	745343m	57.056	ng		
60)	Diethylphthalate	15.387	149	3391698	51.920	ng		99
61)	4-Chlorophenyl-phenyle...	15.604	204	1416058	53.207	ng		100
62)	4-Nitroaniline	15.634	138	851150	46.113	ng		98
63)	Azobenzene	15.898	77	3325296	46.488	ng		95
65)	4,6-Dinitro-2-methylph...	15.687	198	205448	26.014	ng		90
66)	n-Nitrosodiphenylamine	15.822	169	2766557	52.904	ng		99
67)	4-Bromophenyl-phenylether	16.504	248	840413	58.392	ng		92
68)	Hexachlorobenzene	16.616	284	877491	57.380	ng		95
69)	Atrazine	16.781	200	947954	62.599	ng		98
70)	Pentachlorophenol	16.963	266	1145905	102.830	ng		99
71)	Phenanthrene	17.357	178	4927680	49.781	ng		100
72)	Anthracene	17.451	178	4958166	52.370	ng		100
73)	Carbazole	17.722	167	4886525	52.700	ng		100
74)	Di-n-butylphthalate	18.269	149	5909418	52.910	ng		100
75)	Fluoranthene	19.322	202	5581610	51.868	ng		98
77)	Benzidine	19.504	184	2966611	93.704	ng		99
78)	Pyrene	19.675	202	5737001	52.632	ng		99
80)	Butylbenzylphthalate	20.545	149	2725048	51.207	ng		92
81)	Benzo(a)anthracene	21.380	228	5546541	51.534	ng		100
82)	3,3'-Dichlorobenzidine	21.316	252	1095334	34.895	ng		99
83)	Chrysene	21.439	228	5211557	51.102	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.304	149	4058175	51.902	ng		99
85)	Di-n-octyl phthalate	22.245	149	7095565	57.052	ng	#	94
87)	Indeno(1,2,3-cd)pyrene	26.404	276	6299364	46.833	ng		98
88)	Benzo(b)fluoranthene	23.098	252	5829619	54.622	ng		99
89)	Benzo(k)fluoranthene	23.151	252	5833082	53.339	ng		99
90)	Benzo(a)pyrene	23.739	252	5201078	57.599	ng		99
91)	Dibenzo(a,h)anthracene	26.427	278	5487057	49.134	ng		98
92)	Benzo(g,h,i)perylene	27.198	276	5272912	48.776	ng		98

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

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