Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
Data File : BG062594.D
Acq On : 28 Aug 2024 13:53
Operator : MA/JU
Sample : P3726-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 28 14:54:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 00:59:59 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILEMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	82966	20.000	ng	0.00
21) Naphthalene-d8	10.724	136	330888	20.000	ng	# 0.00
39) Acenaphthene-d10	14.555	164	227021	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	557169	20.000	ng	0.00
76) Chrysene-d12	21.546	240	526172	20.000	ng	0.00
86) Perylene-d12	24.625	264	617742	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.524	112	708036	153.095	ng	0.00
7) Phenol-d6	7.104	99	885842	134.472	ng	0.00
23) Nitrobenzene-d5	9.090	82	487158	97.710	ng	0.00
42) 2,4,6-Tribromophenol	16.047	330	435567	173.687	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	1250292	90.558	ng	0.00
79) Terphenyl-d14	19.919	244	2492848	99.054	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.444	88	76104	34.544	ng	# 59
3) Pyridine	3.844	79	167644	27.958	ng	92
4) n-Nitrosodimethylamine	3.744	42	125344	39.248	ng	88
6) Aniline	7.263	93	133122	21.410	ng	97
8) 2-Chlorophenol	7.498	128	248279	49.829	ng	97
9) Benzaldehyde	7.069	77	51447m	12.371	ng	
10) Phenol	7.134	94	313151	45.803	ng	97
11) bis(2-Chloroethyl)ether	7.357	93	237720	42.760	ng	97
12) 1,3-Dichlorobenzene	7.821	146	224638	38.502	ng	97
13) 1,4-Dichlorobenzene	7.968	146	228861	38.496	ng	98
14) 1,2-Dichlorobenzene	8.285	146	217902	37.457	ng	99
15) Benzyl Alcohol	8.168	79	237107	51.700	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.450	45	406470	38.493	ng	99
17) 2-Methylphenol	8.374	107	209220	45.815	ng	97
18) Hexachloroethane	9.014	117	75008	37.815	ng	93
19) n-Nitroso-di-n-propyla...	8.738	70	196585	44.560	ng	91
20) 3+4-Methylphenols	8.703	107	287256	46.001	ng	99
22) Acetophenone	8.750	105	361638	43.797	ng	99
24) Nitrobenzene	9.131	77	244493	45.284	ng	99
25) Isophorone	9.654	82	553442	45.762	ng	99
26) 2-Nitrophenol	9.837	139	97381	52.692	ng	93
27) 2,4-Dimethylphenol	9.901	122	204879	64.822	ng	96
28) bis(2-Chloroethoxy)met...	10.130	93	318681	45.460	ng	100
29) 2,4-Dichlorophenol	10.371	162	248354	53.076	ng	98
30) 1,2,4-Trichlorobenzene	10.589	180	241297	42.214	ng	98
31) Naphthalene	10.777	128	706670	42.787	ng	99
32) Benzoic acid	10.019	122	86680m	33.153	ng	
33) 4-Chloroaniline	10.882	127	29212	4.869	ng	96
34) Hexachlorobutadiene	11.065	225	154628	41.465	ng	96
35) Caprolactam	11.658	113	66462m	52.711	ng	
36) 4-Chloro-3-methylphenol	12.010	107	257011	50.692	ng	97
37) 2-Methylnaphthalene	12.381	142	486742	43.740	ng	98
38) 1-Methylnaphthalene	12.598	142	458848	41.209	ng	98
40) 1,2,4,5-Tetrachloroben...	12.751	216	294622	45.565	ng	99
41) Hexachlorocyclopentadiene	12.733	237	289464	178.055	ng	97
43) 2,4,6-Trichlorophenol	12.992	196	209683	56.659	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.062	196	233207	53.471	ng		97
46) 1,1'-Biphenyl	13.391	154	675437	44.467	ng		99
47) 2-Chloronaphthalene	13.432	162	548347	45.230	ng		99
48) 2-Nitroaniline	13.632	65	146783	56.465	ng		99
49) Acenaphthylene	14.278	152	920684	49.815	ng		99
50) Dimethylphthalate	14.014	163	788882	53.476	ng		100
51) 2,6-Dinitrotoluene	14.132	165	131826	46.191	ng		92
52) Acenaphthene	14.619	154	542860	47.608	ng		98
53) 3-Nitroaniline	14.461	138	46200	18.862	ng		90
54) 2,4-Dinitrophenol	14.666	184	137169	102.193	ng		96
55) Dibenzofuran	14.954	168	951424	48.663	ng		99
56) 4-Nitrophenol	14.778	139	256137	110.674	ng		96
57) 2,4-Dinitrotoluene	14.919	165	196612	58.329	ng	#	93
58) Fluorene	15.606	166	729971	47.544	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.183	232	233749	58.874	ng		98
60) Diethylphthalate	15.377	149	800220	56.604	ng		99
61) 4-Chlorophenyl-phenyle...	15.594	204	399183	48.924	ng		97
62) 4-Nitroaniline	15.624	138	152996	56.287	ng		95
63) Azobenzene	15.888	77	753194	46.886	ng		98
65) 4,6-Dinitro-2-methylph...	15.683	198	108011	57.303	ng		95
66) n-Nitrosodiphenylamine	15.812	169	674203	49.819	ng		98
67) 4-Bromophenyl-phenylether	16.488	248	270615	50.459	ng		97
68) Hexachlorobenzene	16.611	284	305403	49.282	ng		94
69) Atrazine	16.764	200	273688	74.349	ng		96
70) Pentachlorophenol	16.952	266	403592	108.667	ng		99
71) Phenanthrene	17.340	178	1302458	48.542	ng		99
72) Anthracene	17.433	178	1330058	50.664	ng		100
73) Carbazole	17.698	167	1178138	48.371	ng		99
74) Di-n-butylphthalate	18.262	149	1365465	64.081	ng		99
75) Fluoranthene	19.355	202	1547914	46.083	ng		99
77) Benzidine	19.537	184	138986m	19.373	ng		
78) Pyrene	19.713	202	1611401	48.168	ng		100
80) Butylbenzylphthalate	20.606	149	488609	63.101	ng		99
81) Benzo(a)anthracene	21.529	228	1634210	48.767	ng		100
82) 3,3'-Dichlorobenzidine	21.446	252	269579	30.413	ng		98
83) Chrysene	21.593	228	1569027	47.850	ng		100
84) Bis(2-ethylhexyl)phtha...	21.446	149	754694	71.269	ng		100
85) Di-n-octyl phthalate	22.610	149	1355538	67.798	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.109	276	2033891	52.211	ng	#	96
88) Benzo(b)fluoranthene	23.656	252	1624407	46.948	ng		99
89) Benzo(k)fluoranthene	23.720	252	1671701	48.697	ng		99
90) Benzo(a)pyrene	24.484	252	1579832	51.939	ng		99
91) Dibenzo(a,h)anthracene	28.174	278	1666661	51.771	ng		97
92) Benzo(g,h,i)perylene	29.196	276	1544999	47.207	ng		96

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

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