Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
Data File : BG062595.D
Acq On : 28 Aug 2024 14:33
Operator : MA/JU
Sample : P3726-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 28 15:20:13 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-PILEMSD

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	7.936	152	76325	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	301049	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	208779	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	526077	20.000	ng	0.00
76) Chrysene-d12	21.549	240	515714	20.000	ng	0.00
86) Perylene-d12	24.628	264	595783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.521	112	680124	159.855	ng	0.00
7) Phenol-d6	7.107	99	852004	140.589	ng	0.00
23) Nitrobenzene-d5	9.087	82	496314	109.413	ng	0.00
42) 2,4,6-Tribromophenol	16.050	330	440648	191.066	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	1251772	98.587	ng	0.00
79) Terphenyl-d14	19.922	244	2554147	103.547	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.441	88	74809	36.911	ng	# 58
3) Pyridine	3.841	79	163218	29.589	ng	93
4) n-Nitrosodimethylamine	3.741	42	118735	40.414	ng	92
6) Aniline	7.260	93	121834	21.300	ng	99
8) 2-Chlorophenol	7.501	128	235222	51.316	ng	95
9) Benzaldehyde	7.072	77	48769m	12.747	ng	
10) Phenol	7.131	94	299358	47.596	ng	98
11) bis(2-Chloroethyl)ether	7.354	93	222799	43.563	ng	99
12) 1,3-Dichlorobenzene	7.824	146	220371	41.057	ng	98
13) 1,4-Dichlorobenzene	7.971	146	226497	41.413	ng	96
14) 1,2-Dichlorobenzene	8.282	146	217085	40.564	ng	100
15) Benzyl Alcohol	8.171	79	232723	55.159	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.453	45	406976	41.895	ng	99
17) 2-Methylphenol	8.376	107	209304	49.821	ng	95
18) Hexachloroethane	9.011	117	76004	41.651	ng	94
19) n-Nitroso-di-n-propyla...	8.735	70	197268	48.606	ng	93
20) 3+4-Methylphenols	8.700	107	286900	49.941	ng	99
22) Acetophenone	8.752	105	361316	48.095	ng	99
24) Nitrobenzene	9.128	77	247577	50.400	ng	97
25) Isophorone	9.651	82	536474	48.756	ng	98
26) 2-Nitrophenol	9.839	139	98256	58.132	ng	93
27) 2,4-Dimethylphenol	9.904	122	199970	69.540	ng	97
28) bis(2-Chloroethoxy)met...	10.133	93	317975	49.855	ng	98
29) 2,4-Dichlorophenol	10.374	162	245338	57.629	ng	95
30) 1,2,4-Trichlorobenzene	10.591	180	235246	45.234	ng	99
31) Naphthalene	10.780	128	684004	45.519	ng	99
32) Benzoic acid	10.022	122	100880m	42.409	ng	
33) 4-Chloroaniline	10.879	127	23702	4.342	ng	97
34) Hexachlorobutadiene	11.062	225	151350	44.609	ng	93
35) Caprolactam	11.661	113	68397m	59.622	ng	
36) 4-Chloro-3-methylphenol	12.013	107	257628	55.850	ng	99
37) 2-Methylnaphthalene	12.384	142	484699	47.874	ng	97
38) 1-Methylnaphthalene	12.601	142	460936	45.500	ng	99
40) 1,2,4,5-Tetrachloroben...	12.754	216	298432	50.187	ng	99
41) Hexachlorocyclopentadiene	12.736	237	290657	194.411	ng	97
43) 2,4,6-Trichlorophenol	12.989	196	208277	61.197	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.065	196	231574	57.735	ng		97
46) 1,1'-Biphenyl	13.388	154	673982	48.248	ng		99
47) 2-Chloronaphthalene	13.435	162	540961	48.519	ng		99
48) 2-Nitroaniline	13.635	65	147977	61.551	ng		94
49) Acenaphthylene	14.281	152	906134	53.312	ng		98
50) Dimethylphthalate	14.017	163	781820	57.628	ng		99
51) 2,6-Dinitrotoluene	14.129	165	137366	51.826	ng		94
52) Acenaphthene	14.622	154	536444	51.156	ng		94
53) 3-Nitroaniline	14.458	138	50357	22.356	ng		94
54) 2,4-Dinitrophenol	14.663	184	140030	113.439	ng		99
55) Dibenzofuran	14.957	168	929140	51.675	ng		100
56) 4-Nitrophenol	14.781	139	261618	122.919	ng		91
57) 2,4-Dinitrotoluene	14.922	165	200800	64.777	ng		90
58) Fluorene	15.603	166	725958	51.414	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.186	232	235578	64.519	ng		98
60) Diethylphthalate	15.380	149	787067	60.538	ng		100
61) 4-Chlorophenyl-phenyle...	15.597	204	393575	52.451	ng		97
62) 4-Nitroaniline	15.627	138	159717	63.894	ng		98
63) Azobenzene	15.891	77	741635	50.200	ng		97
65) 4,6-Dinitro-2-methylph...	15.680	198	112625	63.282	ng		99
66) n-Nitrosodiphenylamine	15.815	169	668859	52.345	ng		97
67) 4-Bromophenyl-phenylether	16.490	248	269773	53.275	ng		97
68) Hexachlorobenzene	16.608	284	304286	52.003	ng		96
69) Atrazine	16.761	200	273283	78.627	ng		97
70) Pentachlorophenol	16.955	266	417182	118.964	ng		95
71) Phenanthrene	17.342	178	1289145	50.885	ng		99
72) Anthracene	17.436	178	1317344	53.145	ng		99
73) Carbazole	17.701	167	1180115	51.316	ng		100
74) Di-n-butylphthalate	18.265	149	1371664	68.177	ng		99
75) Fluoranthene	19.352	202	1568271	49.448	ng		99
77) Benzidine	19.540	184	145364m	20.380	ng		
78) Pyrene	19.716	202	1656419	50.518	ng		99
80) Butylbenzylphthalate	20.609	149	509559	66.824	ng		97
81) Benzo(a)anthracene	21.532	228	1686057	51.334	ng		100
82) 3,3'-Dichlorobenzidine	21.449	252	286564	32.985	ng		99
83) Chrysene	21.596	228	1628013	50.656	ng		99
84) Bis(2-ethylhexyl)phtha...	21.449	149	781303	75.278	ng		100
85) Di-n-octyl phthalate	22.613	149	1419595	72.441	ng	#	91
87) Indeno(1,2,3-cd)pyrene	28.118	276	2120505	56.441	ng	#	97
88) Benzo(b)fluoranthene	23.659	252	1682046	50.406	ng		99
89) Benzo(k)fluoranthene	23.723	252	1751095	52.889	ng		99
90) Benzo(a)pyrene	24.487	252	1633146	55.670	ng		99
91) Dibenzo(a,h)anthracene	28.177	278	1737710	55.968	ng		99
92) Benzo(g,h,i)perylene	29.211	276	1598644	50.647	ng		97

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

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