Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120523\
Data File : BG059959.D
Acq On : 5 Dec 2023 21:30
Operator : MA/JU
Sample : 05345-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 05 22:42:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 05 02:26:15 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
NEW-PARKING-LOT-STOCKPILE-AMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
12/06/2023
Supervised By :mohammad ahmed
12/06/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.959	152	103854	20.000	ng		0.00
21) Naphthalene-d8	10.768	136	365518	20.000	ng	#	0.00
39) Acenaphthene-d10	14.598	164	359903	20.000	ng		0.00
64) Phenanthrene-d10	17.348	188	1172892	20.000	ng		0.00
76) Chrysene-d12	21.620	240	1687342	20.000	ng		0.00
86) Perylene-d12	24.816	264	2004573	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.527	112	575110	111.265	ng		0.00
7) Phenol-d6	7.113	99	750285	92.096	ng		0.00
23) Nitrobenzene-d5	9.122	82	563380	55.097	ng		0.00
42) 2,4,6-Tribromophenol	16.091	330	1034700	89.356	ng		0.00
45) 2-Fluorobiphenyl	13.224	172	2012990	61.004	ng		0.00
79) Terphenyl-d14	19.969	244	5128897	52.400	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.435	88	72251	41.343	ng	#	95
3) Pyridine	3.829	79	194217	37.239	ng		95
4) n-Nitrosodimethylamine	3.741	42	124794	45.516	ng		94
6) Aniline	7.283	93	267661	29.769	ng		96
8) 2-Chlorophenol	7.524	128	205065	40.672	ng		97
9) Benzaldehyde	7.090	77	49256	8.139	ng	#	81
10) Phenol	7.142	94	312628	38.365	ng		92
11) bis(2-Chloroethyl)ether	7.377	93	183185	32.303	ng		94
12) 1,3-Dichlorobenzene	7.847	146	259670	35.786	ng		90
13) 1,4-Dichlorobenzene	7.994	146	262786	34.984	ng		91
14) 1,2-Dichlorobenzene	8.312	146	261897	35.564	ng		98
15) Benzyl Alcohol	8.194	79	303024	37.640	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.494	45	104013	34.925	ng		92
17) 2-Methylphenol	8.394	107	212974	38.785	ng		96
18) Hexachloroethane	9.046	117	91233	31.303	ng		84
19) n-Nitroso-di-n-propyla...	8.764	70	203912	33.399	ng	#	96
20) 3+4-Methylphenols	8.723	107	295423	37.914	ng		97
22) Acetophenone	8.782	105	424879	36.376	ng		93
24) Nitrobenzene	9.164	77	345496	33.768	ng		95
25) Isophorone	9.687	82	587354	33.410	ng	#	95
26) 2-Nitrophenol	9.869	139	127909	39.311	ng		93
27) 2,4-Dimethylphenol	9.933	122	181642	40.670	ng		85
28) bis(2-Chloroethoxy)met...	10.174	93	283639	34.341	ng		92
29) 2,4-Dichlorophenol	10.409	162	360038	40.487	ng		96
30) 1,2,4-Trichlorobenzene	10.627	180	459594	35.442	ng		97
31) Naphthalene	10.815	128	694396	36.958	ng		97
32) Benzoic acid	10.063	122	179816	42.221	ng		96
33) 4-Chloroaniline	10.920	127	207931	28.377	ng		90
34) Hexachlorobutadiene	11.102	225	491618	33.814	ng		95
35) Caprolactam	11.696	113	69548m	37.186	ng		
36) 4-Chloro-3-methylphenol	12.037	107	298190	40.719	ng		92
37) 2-Methylnaphthalene	12.424	142	575964	36.115	ng		97
38) 1-Methylnaphthalene	12.642	142	568352	36.493	ng	#	96
40) 1,2,4,5-Tetrachloroben...	12.789	216	975286	37.960	ng		99
41) Hexachlorocyclopentadiene	12.771	237	904423	69.471	ng		93
43) 2,4,6-Trichlorophenol	13.024	196	526445	40.015	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.094	196	566036	39.126	ng		97
46) 1,1'-Biphenyl	13.435	154	1033437	39.291	ng		98
47) 2-Chloronaphthalene	13.476	162	873614	37.124	ng		96
48) 2-Nitroaniline	13.676	65	194245	43.547	ng		90
49) Acenaphthylene	14.322	152	1289708	40.950	ng		98
50) Dimethylphthalate	14.058	163	1175975	38.384	ng		99
51) 2,6-Dinitrotoluene	14.169	165	253891	37.824	ng		91
52) Acenaphthene	14.663	154	1015242m	44.663	ng		
53) 3-Nitroaniline	14.499	138	140437	33.724	ng	#	94
54) 2,4-Dinitrophenol	14.704	184	464117	79.273	ng		89
55) Dibenzofuran	14.998	168	1478084	38.550	ng		95
56) 4-Nitrophenol	14.798	139	278041	76.934	ng		91
57) 2,4-Dinitrotoluene	14.957	165	344853	36.939	ng	#	90
58) Fluorene	15.650	166	1253635	38.422	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.221	232	676854	39.328	ng		97
60) Diethylphthalate	15.421	149	1004718	36.819	ng		100
61) 4-Chlorophenyl-phenyle...	15.644	204	1095070	36.998	ng		98
62) 4-Nitroaniline	15.668	138	166088	34.650	ng		95
63) Azobenzene	15.938	77	947202	33.459	ng		93
65) 4,6-Dinitro-2-methylph...	15.715	198	336623	37.539	ng		98
66) n-Nitrosodiphenylamine	15.856	169	1145510	42.637	ng		96
67) 4-Bromophenyl-phenylether	16.537	248	779197	38.776	ng		97
68) Hexachlorobenzene	16.649	284	886320	39.697	ng		94
69) Atrazine	16.808	200	627617	47.344	ng		95
70) Pentachlorophenol	16.990	266	1157999	71.573	ng		96
71) Phenanthrene	17.389	178	2235543	40.365	ng		99
72) Anthracene	17.483	178	2228920	39.373	ng		98
73) Carbazole	17.748	167	1672135	38.864	ng		96
74) Di-n-butylphthalate	18.318	149	1522190	40.903	ng		99
75) Fluoranthene	19.405	202	3304254	36.303	ng		100
77) Benzidine	19.587	184	622857	43.798	ng		95
78) Pyrene	19.769	202	3394250	37.799	ng		95
80) Butylbenzylphthalate	20.662	149	555786	43.631	ng		94
81) Benzo(a)anthracene	21.602	228	4312977	38.310	ng		98
82) 3,3'-Dichlorobenzidine	21.520	252	1489628	40.288	ng		97
83) Chrysene	21.667	228	3964845	37.564	ng		96
84) Bis(2-ethylhexyl)phtha...	21.526	149	883167	45.310	ng		98
85) Di-n-octyl phthalate	22.736	149	1534677	45.559	ng		99
87) Indeno(1,2,3-cd)pyrene	28.464	276	5928386	40.050	ng	#	92
88) Benzo(b)fluoranthene	23.799	252	4703776	37.963	ng		99
89) Benzo(k)fluoranthene	23.870	252	4492439	37.210	ng		98
90) Benzo(a)pyrene	24.663	252	4195686	37.917	ng		98
91) Dibenzo(a,h)anthracene	28.541	278	4996841	39.759	ng		100
92) Benzo(g,h,i)perylene	29.604	276	4501668	37.036	ng	#	94

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

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