Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120523\
Data File : BG059958.D
Acq On : 5 Dec 2023 20:50
Operator : MA/JU
Sample : 05345-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

Quant Time: Dec 05 22:42:14 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.960	152	94387	20.000	ng		# 0.00
21) Naphthalene-d8	10.768	136	349783	20.000	ng		# 0.00
39) Acenaphthene-d10	14.599	164	336947	20.000	ng		0.00
64) Phenanthrene-d10	17.349	188	1105164	20.000	ng		0.00
76) Chrysene-d12	21.620	240	1610083	20.000	ng		0.00
86) Perylene-d12	24.811	264	1937141	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.527	112	606385	129.082	ng		0.00
7) Phenol-d6	7.119	99	790618	106.781	ng		0.00
23) Nitrobenzene-d5	9.123	82	597436	61.056	ng		0.00
42) 2,4,6-Tribromophenol	16.085	330	1101582	101.613	ng		0.00
45) 2-Fluorobiphenyl	13.224	172	2119030	68.592	ng		0.00
79) Terphenyl-d14	19.969	244	5255801	56.273	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.436	88	80828	50.890	ng		95
3) Pyridine	3.829	79	210112	44.328	ng		95
4) n-Nitrosodimethylamine	3.747	42	131200	52.652	ng		90
6) Aniline	7.284	93	272546	33.353	ng		98
8) 2-Chlorophenol	7.525	128	210739	45.990	ng		94
9) Benzaldehyde	7.096	77	53276	9.686	ng		93
10) Phenol	7.143	94	332705	44.924	ng		92
11) bis(2-Chloroethyl)ether	7.378	93	198939	38.600	ng		93
12) 1,3-Dichlorobenzene	7.848	146	281233	42.645	ng		95
13) 1,4-Dichlorobenzene	7.995	146	282614m	41.397	ng		
14) 1,2-Dichlorobenzene	8.312	146	272479	40.712	ng		97
15) Benzyl Alcohol	8.195	79	312682	42.735	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.494	45	110841m	40.950	ng		
17) 2-Methylphenol	8.394	107	216683	43.418	ng		94
18) Hexachloroethane	9.047	117	97927	36.970	ng		83
19) n-Nitroso-di-n-propyla...	8.765	70	222776	40.149	ng	#	92
20) 3+4-Methylphenols	8.723	107	306250	43.246	ng		95
22) Acetophenone	8.782	105	437831	39.171	ng	#	94
24) Nitrobenzene	9.164	77	368346	37.620	ng		94
25) Isophorone	9.687	82	631388	37.531	ng	#	94
26) 2-Nitrophenol	9.875	139	139083	44.668	ng	#	87
27) 2,4-Dimethylphenol	9.928	122	191605	44.830	ng		95
28) bis(2-Chloroethoxy)met...	10.175	93	301883	38.194	ng	#	93
29) 2,4-Dichlorophenol	10.404	162	392358	46.106	ng		96
30) 1,2,4-Trichlorobenzene	10.627	180	497295	40.074	ng		98
31) Naphthalene	10.815	128	744767	41.422	ng		98
32) Benzoic acid	10.063	122	174913	42.918	ng		96
33) 4-Chloroaniline	10.921	127	200533	28.598	ng		99
34) Hexachlorobutadiene	11.103	225	524929	37.729	ng		97
35) Caprolactam	11.696	113	78395m	43.802	ng		
36) 4-Chloro-3-methylphenol	12.043	107	318167	45.402	ng	#	83
37) 2-Methylnaphthalene	12.425	142	629292	41.234	ng		98
38) 1-Methylnaphthalene	12.642	142	604917	40.588	ng		98
40) 1,2,4,5-Tetrachloroben...	12.789	216	1039407	43.211	ng		99
41) Hexachlorocyclopentadiene	12.772	237	996511	81.760	ng		90
43) 2,4,6-Trichlorophenol	13.024	196	559516	45.426	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.095	196	600587	44.342	ng		97
46) 1,1'-Biphenyl	13.436	154	1120042	45.485	ng		99
47) 2-Chloronaphthalene	13.477	162	937031	42.532	ng		98
48) 2-Nitroaniline	13.671	65	193971	46.449	ng		97
49) Acenaphthylene	14.323	152	1357873	46.052	ng		97
50) Dimethylphthalate	14.058	163	1218067	42.466	ng		98
51) 2,6-Dinitrotoluene	14.170	165	253232	40.296	ng		95
52) Acenaphthene	14.664	154	1074118m	50.472	ng		
53) 3-Nitroaniline	14.499	138	151612	38.888	ng		99
54) 2,4-Dinitrophenol	14.699	184	493021	89.947	ng		93
55) Dibenzofuran	14.998	168	1525528	42.498	ng		99
56) 4-Nitrophenol	14.799	139	292603	86.480	ng	#	84
57) 2,4-Dinitrotoluene	14.957	165	355167	40.636	ng	#	98
58) Fluorene	15.645	166	1319889	43.209	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.216	232	707345	43.900	ng		98
60) Diethylphthalate	15.422	149	1072859	41.994	ng		99
61) 4-Chlorophenyl-phenyle...	15.645	204	1148325	41.440	ng		98
62) 4-Nitroaniline	15.662	138	179694	40.043	ng		94
63) Azobenzene	15.933	77	1004940	37.917	ng		93
65) 4,6-Dinitro-2-methylph...	15.715	198	358047	42.375	ng		96
66) n-Nitrosodiphenylamine	15.856	169	1198701	47.351	ng		99
67) 4-Bromophenyl-phenylether	16.538	248	826445	43.648	ng		97
68) Hexachlorobenzene	16.649	284	941267	44.741	ng		97
69) Atrazine	16.808	200	674764	54.020	ng		97
70) Pentachlorophenol	16.990	266	1228803	80.604	ng		96
71) Phenanthrene	17.390	178	2332407	44.695	ng		98
72) Anthracene	17.484	178	2322573	43.542	ng		98
73) Carbazole	17.748	167	1763203	43.492	ng		98
74) Di-n-butylphthalate	18.318	149	1602385	45.697	ng		99
75) Fluoranthene	19.405	202	3440402	40.115	ng		99
77) Benzidine	19.581	184	585422	43.141	ng		98
78) Pyrene	19.769	202	3521170	41.094	ng		96
80) Butylbenzylphthalate	20.662	149	578003	47.553	ng		95
81) Benzo(a)anthracene	21.603	228	4493870	41.832	ng		97
82) 3,3'-Dichlorobenzidine	21.520	252	1537690	43.584	ng		98
83) Chrysene	21.667	228	4148493	41.189	ng		95
84) Bis(2-ethylhexyl)phtha...	21.526	149	914247	49.155	ng		95
85) Di-n-octyl phthalate	22.736	149	1612566	50.169	ng		99
87) Indeno(1,2,3-cd)pyrene	28.453	276	6252774	43.712	ng	#	91
88) Benzo(b)fluoranthene	23.800	252	4995250	41.719	ng		97
89) Benzo(k)fluoranthene	23.870	252	4832665	41.421	ng	#	98
90) Benzo(a)pyrene	24.669	252	4470102	41.803	ng		97
91) Dibenzo(a,h)anthracene	28.536	278	5271032	43.400	ng	#	98
92) Benzo(g,h,i)perylene	29.599	276	4790446	40.783	ng		98

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

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