Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050124\
Data File : BG061076.D
Acq On : 1 May 2024 14:42
Operator : MA/JU
Sample : P2307-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-2MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 01 15:20:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.932	152	32335	20.000	ng		-0.03
21) Naphthalene-d8	10.728	136	122490	20.000	ng		-0.03
39) Acenaphthene-d10	14.565	164	89605	20.000	ng		-0.02
64) Phenanthrene-d10	17.315	188	194848	20.000	ng		-0.02
76) Chrysene-d12	21.586	240	195289	20.000	ng		0.00
86) Perylene-d12	24.718	264	242302	20.000	ng		#-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.529	112	145802	91.703	ng		-0.02
7) Phenol-d6	7.109	99	193926	82.451	ng		-0.02
23) Nitrobenzene-d5	9.089	82	143943	58.254	ng		-0.03
42) 2,4,6-Tribromophenol	16.057	330	143520	80.132	ng		-0.02
45) 2-Fluorobiphenyl	13.184	172	381805	63.008	ng		-0.02
79) Terphenyl-d14	19.929	244	649094	55.279	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.437	88	21211	32.995	ng		97
3) Pyridine	3.825	79	58455	30.901	ng		92
4) n-Nitrosodimethylamine	3.742	42	69611	38.301	ng		100
6) Aniline	7.262	93	65818	28.228	ng		96
8) 2-Chlorophenol	7.503	128	91557	46.938	ng		96
9) Benzaldehyde	7.068	77	47039	36.327	ng		94
10) Phenol	7.138	94	106232	44.414	ng		94
11) bis(2-Chloroethyl)ether	7.356	93	72066	43.613	ng		94
12) 1,3-Dichlorobenzene	7.826	146	97836	42.546	ng		99
13) 1,4-Dichlorobenzene	7.973	146	98045	41.254	ng		94
14) 1,2-Dichlorobenzene	8.284	146	96886	42.254	ng		96
15) Benzyl Alcohol	8.172	79	91981	43.353	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.454	45	165523	46.165	ng		99
17) 2-Methylphenol	8.378	107	74437	43.670	ng		93
18) Hexachloroethane	9.013	117	37039	43.677	ng		90
19) n-Nitroso-di-n-propyla...	8.737	70	65585	37.261	ng		92
20) 3+4-Methylphenols	8.707	107	99806	40.585	ng		95
22) Acetophenone	8.754	105	137926	45.214	ng	#	99
24) Nitrobenzene	9.130	77	108464	44.871	ng		97
25) Isophorone	9.653	82	188506	41.271	ng		99
26) 2-Nitrophenol	9.841	139	53015	46.290	ng		96
27) 2,4-Dimethylphenol	9.906	122	66333	50.238	ng		94
28) bis(2-Chloroethoxy)met...	10.135	93	99835	44.536	ng	#	96
29) 2,4-Dichlorophenol	10.382	162	98313	47.521	ng		95
30) 1,2,4-Trichlorobenzene	10.593	180	117903	47.298	ng		99
31) Naphthalene	10.781	128	303514	47.677	ng		99
32) Benzoic acid	10.070	122	64286m	42.117	ng		
33) 4-Chloroaniline	10.881	127	50003	19.695	ng		98
34) Hexachlorobutadiene	11.069	225	103099	48.202	ng		95
35) Caprolactam	11.668	113	26442m	35.491	ng		
36) 4-Chloro-3-methylphenol	12.021	107	102997	41.287	ng		96
37) 2-Methylnaphthalene	12.385	142	213237	44.699	ng		98
38) 1-Methylnaphthalene	12.608	142	199691	41.580	ng		97
40) 1,2,4,5-Tetrachloroben...	12.755	216	169133	56.559	ng		100
41) Hexachlorocyclopentadiene	12.738	237	94988	82.976	ng		96
43) 2,4,6-Trichlorophenol	12.996	196	101440	52.837	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.073	196	110563	50.884	ng		96
46) 1,1'-Biphenyl	13.396	154	299813	52.184	ng		96
47) 2-Chloronaphthalene	13.437	162	232504	50.538	ng		99
48) 2-Nitroaniline	13.637	65	81351	47.652	ng		96
49) Acenaphthylene	14.289	152	428292	60.613	ng		98
50) Dimethylphthalate	14.024	163	303112	43.796	ng		99
51) 2,6-Dinitrotoluene	14.136	165	64422	43.517	ng		97
52) Acenaphthene	14.630	154	230011	52.181	ng		97
53) 3-Nitroaniline	14.465	138	45091	33.289	ng		93
54) 2,4-Dinitrophenol	14.682	184	53984	52.231	ng		99
55) Dibenzofuran	14.964	168	369097	49.574	ng		97
56) 4-Nitrophenol	14.794	139	92901	84.866	ng		98
57) 2,4-Dinitrotoluene	14.929	165	89642	40.929	ng	#	97
58) Fluorene	15.617	166	353851	54.923	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.194	232	103730m	46.376	ng		
60) Diethylphthalate	15.388	149	282072	40.416	ng		99
61) 4-Chlorophenyl-phenyle...	15.605	204	169873	43.912	ng		98
62) 4-Nitroaniline	15.628	138	54010	36.764	ng		100
63) Azobenzene	15.899	77	240568	44.279	ng		98
65) 4,6-Dinitro-2-methylph...	15.699	198	42783	35.389	ng		95
66) n-Nitrosodiphenylamine	15.822	169	265976	55.046	ng		99
67) 4-Bromophenyl-phenylether	16.498	248	118347	51.560	ng		95
68) Hexachlorobenzene	16.621	284	139586	48.859	ng		97
69) Atrazine	16.780	200	108782	54.591	ng		97
70) Pentachlorophenol	16.968	266	172441	98.249	ng		97
71) Phenanthrene	17.362	178	2042757	229.284	ng		98
72) Anthracene	17.450	178	867532	97.586	ng		99
73) Carbazole	17.714	167	471689	60.346	ng		99
74) Di-n-butylphthalate	18.278	149	430298	46.296	ng		98
75) Fluoranthene	19.389	202	4804631	393.646	ng		82
77) Benzidine	19.553	184	151267	41.130	ng		98
78) Pyrene	19.753	202	4613590	371.593	ng	#	82
80) Butylbenzylphthalate	20.623	149	185095	47.097	ng		99
81) Benzo(a)anthracene	21.569	228	2965774	232.078	ng		92
82) 3,3'-Dichlorobenzidine	21.480	252	160387	34.875	ng		98
83) Chrysene	21.639	228	2813687m	235.006	ng		
84) Bis(2-ethylhexyl)phtha...	21.475	149	263062	51.259	ng		98
85) Di-n-octyl phthalate	22.661	149	453932	50.134	ng		99
87) Indeno(1,2,3-cd)pyrene	28.302	276	2237594	139.346	ng	#	90
88) Benzo(b)fluoranthene	23.748	252	3598476	265.768	ng		98
89) Benzo(k)fluoranthene	23.801	252	1628989	125.058	ng		97
90) Benzo(a)pyrene	24.594	252	2842225	240.945	ng		96
91) Dibenzo(a,h)anthracene	28.331	278	783391	58.910	ng		97
92) Benzo(g,h,i)perylene	29.406	276	1728340	130.787	ng		96

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

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