Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122923\
Data File : BG060177.D
Acq On : 29 Dec 2023 12:35
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 30 02:58:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 02:56:50 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	196430	20.000	ng		0.00
21) Naphthalene-d8	10.744	136	800855	20.000	ng		0.00
39) Acenaphthene-d10	14.581	164	605133	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1461859	20.000	ng		0.00
76) Chrysene-d12	21.596	240	1455539	20.000	ng		0.00
86) Perylene-d12	24.775	264	1567894	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.515	112	118394	9.097	ng		0.00
7) Phenol-d6	7.101	99	169249	8.759	ng		0.00
23) Nitrobenzene-d5	9.099	82	155487	8.968	ng		0.00
42) 2,4,6-Tribromophenol	16.067	330	67347	8.314	ng		0.00
45) 2-Fluorobiphenyl	13.200	172	474543	11.271	ng		0.00
79) Terphenyl-d14	19.945	244	886681	11.711	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.417	88	28669	4.951	ng	#	95
3) Pyridine	3.823	79	68814	4.195	ng	#	80
4) n-Nitrosodimethylamine	3.734	42	29515m	4.833	ng		
6) Aniline	7.266	93	81225	4.195	ng		98
8) 2-Chlorophenol	7.501	128	55594	4.445	ng		97
9) Benzaldehyde	7.083	77	62516	5.392	ng		84
10) Phenol	7.130	94	88588	4.546	ng		97
11) bis(2-Chloroethyl)ether	7.360	93	71446	4.531	ng		95
12) 1,3-Dichlorobenzene	7.830	146	81348	5.269	ng		92
13) 1,4-Dichlorobenzene	7.977	146	84456	5.411	ng		89
14) 1,2-Dichlorobenzene	8.294	146	75922	4.975	ng		94
15) Benzyl Alcohol	8.182	79	51298m	4.290	ng		
16) 2,2'-oxybis(1-Chloropr...	8.464	45	101544	5.018	ng		99
17) 2-Methylphenol	8.382	107	51791	4.245	ng		93
18) Hexachloroethane	9.028	117	22815	4.641	ng	#	86
19) n-Nitroso-di-n-propyla...	8.740	70	65278	4.945	ng	#	84
20) 3+4-Methylphenols	8.711	107	75120	4.344	ng		98
22) Acetophenone	8.758	105	112791	4.754	ng	#	96
24) Nitrobenzene	9.146	77	79687	4.492	ng		97
25) Isophorone	9.663	82	180970	4.989	ng		99
26) 2-Nitrophenol	9.863	139	24316	3.928	ng	#	95
27) 2,4-Dimethylphenol	9.915	122	43097	4.915	ng	#	80
28) bis(2-Chloroethoxy)met...	10.150	93	102922	4.844	ng	#	94
29) 2,4-Dichlorophenol	10.391	162	56745	4.095	ng		93
30) 1,2,4-Trichlorobenzene	10.603	180	86006	5.099	ng		99
31) Naphthalene	10.797	128	222260	5.257	ng	#	95
33) 4-Chloroaniline	10.908	127	74553	4.515	ng		96
34) Hexachlorobutadiene	11.079	225	51946	5.178	ng		96
35) Caprolactam	11.643	113	21631m	4.692	ng		
36) 4-Chloro-3-methylphenol	12.025	107	64450	4.519	ng		93
37) 2-Methylnaphthalene	12.401	142	149378	4.891	ng		99
38) 1-Methylnaphthalene	12.624	142	156009	5.053	ng		99
40) 1,2,4,5-Tetrachloroben...	12.771	216	98497	5.081	ng		99
41) Hexachlorocyclopentadiene	12.747	237	26023	4.154	ng		90
43) 2,4,6-Trichlorophenol	13.012	196	55346	4.345	ng		94
44) 2,4,5-Trichlorophenol	13.082	196	61048	4.284	ng	#	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.411	154	229893	5.164	ng		98
47) 2-Chloronaphthalene	13.452	162	191008	5.036	ng		99
48) 2-Nitroaniline	13.658	65	36405	3.672	ng		95
49) Acenaphthylene	14.299	152	274543	5.023	ng		98
50) Dimethylphthalate	14.028	163	247591	5.299	ng		100
51) 2,6-Dinitrotoluene	14.152	165	39420	4.056	ng	#	92
52) Acenaphthene	14.639	154	169030	4.956	ng		94
53) 3-Nitroaniline	14.487	138	39347	4.297	ng	#	88
55) Dibenzofuran	14.974	168	307306	5.379	ng		98
56) 4-Nitrophenol	14.792	139	26145m	3.777	ng		
57) 2,4-Dinitrotoluene	14.933	165	53480	4.047	ng	#	96
58) Fluorene	15.626	166	225804	4.819	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.203	232	50502	4.066	ng	#	98
60) Diethylphthalate	15.391	149	219152	4.919	ng		95
61) 4-Chlorophenyl-phenyle...	15.621	204	115213	4.722	ng		99
62) 4-Nitroaniline	15.644	138	38504m	3.989	ng		
63) Azobenzene	15.908	77	221116	4.787	ng		95
66) n-Nitrosodiphenylamine	15.832	169	183917	4.669	ng		99
67) 4-Bromophenyl-phenylether	16.514	248	76316	4.924	ng		98
68) Hexachlorobenzene	16.631	284	90023	4.954	ng		99
69) Atrazine	16.778	200	73247	5.059	ng		96
70) Pentachlorophenol	16.978	266	34631m	3.480	ng		
71) Phenanthrene	17.366	178	398262	5.512	ng		94
72) Anthracene	17.460	178	382805	5.333	ng		97
73) Carbazole	17.730	167	374004	5.494	ng		94
74) Di-n-butylphthalate	18.288	149	348486	5.282	ng	#	98
75) Fluoranthene	19.381	202	508188	5.996	ng		92
77) Benzidine	19.569	184	169533	4.208	ng		100
78) Pyrene	19.745	202	538143	5.500	ng		91
80) Butylbenzylphthalate	20.632	149	118600	4.111	ng		98
81) Benzo(a)anthracene	21.572	228	497449	5.375	ng		92
82) 3,3'-Dichlorobenzidine	21.490	252	152095	4.519	ng		94
83) Chrysene	21.637	228	487690	5.424	ng		99
84) Bis(2-ethylhexyl)phtha...	21.484	149	186694	4.267	ng	#	98
85) Di-n-octyl phthalate	22.683	149	302275	4.221	ng		98
87) Indeno(1,2,3-cd)pyrene	28.382	276	520514	4.709	ng	#	90
88) Benzo(b)fluoranthene	23.758	252	475581	5.047	ng		95
89) Benzo(k)fluoranthene	23.823	252	469509	4.951	ng		93
90) Benzo(a)pyrene	24.622	252	416050	4.881	ng		99
91) Dibenzo(a,h)anthracene	28.447	278	430918	4.744	ng		98
92) Benzo(g,h,i)perylene	29.510	276	436528	4.745	ng		98

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

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