Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060686.D
Acq On : 20 Mar 2024 11:05
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 20 11:45:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 18 14:26:31 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024
Supervised By :Sohil Jodhani 03/21/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.297	152	92467	20.000	ng		0.00
21) Naphthalene-d8	11.141	136	433142	20.000	ng		0.00
39) Acenaphthene-d10	14.925	164	278300	20.000	ng		0.00
64) Phenanthrene-d10	17.674	188	601677	20.000	ng		0.00
76) Chrysene-d12	21.993	240	535741	20.000	ng		0.00
86) Perylene-d12	25.536	264	643613	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.783	112	450043	76.510	ng		0.00
7) Phenol-d6	7.410	99	646948	75.820	ng		0.00
23) Nitrobenzene-d5	9.496	82	651579	78.290	ng		0.00
42) 2,4,6-Tribromophenol	16.411	330	286627	88.879	ng		0.00
45) 2-Fluorobiphenyl	13.550	172	1531119	74.385	ng		0.00
79) Terphenyl-d14	20.254	244	2310504	77.954	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.620	88	95082	38.617	ng		98
3) Pyridine	4.043	79	281761	38.720	ng		93
4) n-Nitrosodimethylamine	3.967	42	137295	38.462	ng		96
6) Aniline	7.616	93	395940	37.974	ng		98
8) 2-Chlorophenol	7.845	128	243029	37.796	ng		99
9) Benzaldehyde	7.439	77	174743	36.584	ng		96
10) Phenol	7.439	94	325488	38.017	ng		99
11) bis(2-Chloroethyl)ether	7.710	93	251267	36.816	ng		95
12) 1,3-Dichlorobenzene	8.174	146	260334	37.544	ng		97
13) 1,4-Dichlorobenzene	8.333	146	264942	37.693	ng		99
14) 1,2-Dichlorobenzene	8.650	146	261124	37.406	ng		97
15) Benzyl Alcohol	8.532	79	253347	37.556	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.814	45	465609m	35.141	ng		
17) 2-Methylphenol	8.714	107	252347	38.384	ng		98
18) Hexachloroethane	9.378	117	98420	40.990	ng		95
19) n-Nitroso-di-n-propyla...	9.102	70	236901	40.054	ng		97
20) 3+4-Methylphenols	9.049	107	356119	40.164	ng		97
22) Acetophenone	9.137	105	437909	37.709	ng	#	97
24) Nitrobenzene	9.537	77	320528	38.522	ng		98
25) Isophorone	10.042	82	622026	37.342	ng		98
26) 2-Nitrophenol	10.242	139	121423	36.583	ng		92
27) 2,4-Dimethylphenol	10.266	122	258117	35.010	ng		98
28) bis(2-Chloroethoxy)met...	10.524	93	358485	35.898	ng		97
29) 2,4-Dichlorophenol	10.765	162	248273	37.521	ng		96
30) 1,2,4-Trichlorobenzene	10.982	180	248435	35.360	ng		99
31) Naphthalene	11.194	128	911997	37.696	ng		99
32) Benzoic acid	10.377	122	173762	37.386	ng		93
33) 4-Chloroaniline	11.306	127	403695	39.571	ng		96
34) Hexachlorobutadiene	11.417	225	176090	36.745	ng		97
35) Caprolactam	12.105	113	90203	40.496	ng	#	89
36) 4-Chloro-3-methylphenol	12.381	107	301892	37.229	ng		96
37) 2-Methylnaphthalene	12.774	142	599898	35.901	ng		99
38) 1-Methylnaphthalene	12.992	142	578110	36.860	ng		100
40) 1,2,4,5-Tetrachloroben...	13.115	216	318941	37.318	ng		98
41) Hexachlorocyclopentadiene	13.068	237	157001	37.356	ng		97
43) 2,4,6-Trichlorophenol	13.356	196	214070	39.008	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.427	196	258336	39.793	ng	98
46)	1,1'-Biphenyl	13.761	154	783328	37.030	ng	98
47)	2-Chloronaphthalene	13.814	162	586267	36.722	ng	97
48)	2-Nitroaniline	14.032	65	207359	39.354	ng	96
49)	Acenaphthylene	14.660	152	1004645	38.629	ng	98
50)	Dimethylphthalate	14.372	163	807853	38.705	ng	99
51)	2,6-Dinitrotoluene	14.514	165	156955	40.811	ng	94
52)	Acenaphthene	14.989	154	587603	37.809	ng	100
53)	3-Nitroaniline	14.848	138	183709	41.486	ng	98
54)	2,4-Dinitrophenol	15.048	184	69517	39.131	ng	99
55)	Dibenzofuran	15.324	168	963391	38.285	ng	99
56)	4-Nitrophenol	15.119	139	145170	43.933	ng	96
57)	2,4-Dinitrotoluene	15.289	165	206883	42.761	ng	95
58)	Fluorene	15.971	166	785737	39.027	ng	97
59)	2,3,4,6-Tetrachlorophenol	15.530	232	226474	41.832	ng	94
60)	Diethylphthalate	15.718	149	843371	39.271	ng	99
61)	4-Chlorophenyl-phenyle...	15.953	204	387387	37.987	ng	99
62)	4-Nitroaniline	16.012	138	194068	42.798	ng	96
63)	Azobenzene	16.247	77	835154	37.577	ng	98
65)	4,6-Dinitro-2-methylph...	16.035	198	108102	40.587	ng	96
66)	n-Nitrosodiphenylamine	16.170	169	714443	37.941	ng	98
67)	4-Bromophenyl-phenylether	16.852	248	262249	40.419	ng	99
68)	Hexachlorobenzene	16.940	284	282872	37.919	ng	97
69)	Atrazine	17.105	200	255231	40.525	ng	96
70)	Pentachlorophenol	17.293	266	196515	40.644	ng	98
71)	Phenanthrene	17.721	178	1236041	38.137	ng	99
72)	Anthracene	17.810	178	1275437	38.920	ng	100
73)	Carbazole	18.086	167	1129325	39.633	ng	100
74)	Di-n-butylphthalate	18.591	149	1430959	41.209	ng	99
75)	Fluoranthene	19.713	202	1439266	40.145	ng	99
77)	Benzidine	19.901	184	625930	47.766	ng	98
78)	Pyrene	20.078	202	1469573	39.307	ng	98
80)	Butylbenzylphthalate	20.935	149	620987	43.935	ng	96
81)	Benzo(a)anthracene	21.969	228	1448282	39.262	ng	99
82)	3,3'-Dichlorobenzidine	21.881	252	530814	42.693	ng	96
83)	Chrysene	22.046	228	1387995	38.752	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.805	149	908632	43.521	ng	99
85)	Di-n-octyl phthalate	23.127	149	1560008	45.375	ng	97
87)	Indeno(1,2,3-cd)pyrene	29.637	276	1766836m	40.245	ng	
88)	Benzo(b)fluoranthene	24.390	252	1375260	38.841	ng	99
89)	Benzo(k)fluoranthene	24.467	252	1425672	38.326	ng	100
90)	Benzo(a)pyrene	25.365	252	1372335	39.533	ng	99
91)	Dibenzo(a,h)anthracene	29.719	278	1456270	39.075	ng	98
92)	Benzo(g,h,i)perylene	30.953	276	1437423	39.836	ng	99

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

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