Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013023\
Data File : BG056467.D
Acq On : 30 Jan 2023 10:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 31 02:59:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 28 00:39:13 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.277	152	38261	20.000	ng		0.00
21) Naphthalene-d8	11.115	136	148570	20.000	ng		0.00
39) Acenaphthene-d10	14.898	164	118941	20.000	ng		0.00
64) Phenanthrene-d10	17.636	188	294353	20.000	ng		0.00
76) Chrysene-d12	21.931	240	276096	20.000	ng		0.00
86) Perylene-d12	25.351	264	307453	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	172596	82.984	ng		0.00
7) Phenol-d6	7.419	99	250037	81.136	ng		0.00
23) Nitrobenzene-d5	9.458	82	211390	80.795	ng		0.00
42) 2,4,6-Tribromophenol	16.379	330	120540	76.231	ng		0.00
45) 2-Fluorobiphenyl	13.523	172	683687	79.693	ng		0.00
79) Terphenyl-d14	20.210	244	1225506	77.960	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.600	88	36644	42.312	ng		94
3) Pyridine	4.023	79	111131	43.047	ng		99
4) n-Nitrosodimethylamine	3.929	42	22343	40.697	ng	#	96
6) Aniline	7.589	93	162771	40.342	ng		96
8) 2-Chlorophenol	7.836	128	89109	39.000	ng		97
9) Benzaldehyde	7.401	77	60959	45.094	ng		94
10) Phenol	7.448	94	127260	40.630	ng		99
11) bis(2-Chloroethyl)ether	7.677	93	90547	42.058	ng		98
12) 1,3-Dichlorobenzene	8.165	146	106803	40.599	ng		98
13) 1,4-Dichlorobenzene	8.312	146	104774	39.327	ng		99
14) 1,2-Dichlorobenzene	8.641	146	103007	39.851	ng		98
15) Benzyl Alcohol	8.512	79	83252	39.374	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.794	45	19972	43.783	ng		95
17) 2-Methylphenol	8.711	107	95327	40.006	ng		96
18) Hexachloroethane	9.375	117	32677	40.553	ng		95
19) n-Nitroso-di-n-propyla...	9.082	70	72124	40.612	ng		97
20) 3+4-Methylphenols	9.046	107	133505	39.979	ng		99
22) Acetophenone	9.105	105	159296	40.354	ng	#	98
24) Nitrobenzene	9.499	77	104835	41.541	ng		97
25) Isophorone	10.016	82	214761	39.788	ng		99
26) 2-Nitrophenol	10.216	139	61622	40.244	ng		96
27) 2,4-Dimethylphenol	10.257	122	104581m	40.811	ng		
28) bis(2-Chloroethoxy)met...	10.492	93	123441	41.398	ng		97
29) 2,4-Dichlorophenol	10.756	162	115122	39.911	ng		97
30) 1,2,4-Trichlorobenzene	10.968	180	127754	39.856	ng		99
31) Naphthalene	11.162	128	315391	40.220	ng		99
32) Benzoic acid	10.404	122	53001	36.968	ng		97
33) 4-Chloroaniline	11.267	127	146514	40.027	ng		99
34) Hexachlorobutadiene	11.438	225	92278	41.013	ng		98
35) Caprolactam	12.037	113	36814	37.843	ng		88
36) 4-Chloro-3-methylphenol	12.366	107	113158	40.622	ng		96
37) 2-Methylnaphthalene	12.748	142	256976	39.750	ng		99
38) 1-Methylnaphthalene	12.965	142	234408	38.825	ng		99
40) 1,2,4,5-Tetrachloroben...	13.106	216	175362	40.356	ng		99
41) Hexachlorocyclopentadiene	13.083	237	78527	37.747	ng		99
43) 2,4,6-Trichlorophenol	13.341	196	112504	40.177	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.418	196	130738	39.877	ng		99
46)	1,1'-Biphenyl	13.735	154	341273	39.559	ng		100
47)	2-Chloronaphthalene	13.788	162	267938	39.734	ng		100
48)	2-Nitroaniline	13.982	65	58517	41.978	ng		91
49)	Acenaphthylene	14.628	152	438252	39.946	ng		100
50)	Dimethylphthalate	14.340	163	380896	39.583	ng		99
51)	2,6-Dinitrotoluene	14.469	165	83012	39.558	ng		97
52)	Acenaphthene	14.963	154	257242	39.540	ng		99
53)	3-Nitroaniline	14.798	138	78865	38.765	ng		97
54)	2,4-Dinitrophenol	15.010	184	50071	38.060	ng		93
55)	Dibenzofuran	15.292	168	463718	39.744	ng		100
56)	4-Nitrophenol	15.104	139	55403	39.855	ng		96
57)	2,4-Dinitrotoluene	15.251	165	117718	39.825	ng	#	98
58)	Fluorene	15.938	166	365179	39.334	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.521	232	114627	39.322	ng	#	98
60)	Diethylphthalate	15.686	149	355509	39.344	ng		99
61)	4-Chlorophenyl-phenyle...	15.921	204	226113	39.913	ng		96
62)	4-Nitroaniline	15.956	138	81456	40.014	ng		94
63)	Azobenzene	16.214	77	257016	41.338	ng		97
65)	4,6-Dinitro-2-methylph...	16.015	198	81397	39.332	ng		97
66)	n-Nitrosodiphenylamine	16.138	169	333803	40.053	ng		98
67)	4-Bromophenyl-phenylether	16.814	248	149200	39.594	ng		98
68)	Hexachlorobenzene	16.943	284	147529	39.973	ng		99
69)	Atrazine	17.066	200	133753	41.601	ng		97
70)	Pentachlorophenol	17.284	266	86336	38.660	ng		97
71)	Phenanthrene	17.677	178	612771	39.775	ng		98
72)	Anthracene	17.771	178	632886	40.019	ng		99
73)	Carbazole	18.036	167	538593	39.987	ng		99
74)	Di-n-butylphthalate	18.565	149	576059	40.732	ng		99
75)	Fluoranthene	19.669	202	776599	39.940	ng		99
77)	Benzidine	19.840	184	350696	46.938	ng		98
78)	Pyrene	20.033	202	777996	39.620	ng		99
80)	Butylbenzylphthalate	20.885	149	246249	41.062	ng		98
81)	Benzo(a)anthracene	21.908	228	774209	40.110	ng		99
82)	3,3'-Dichlorobenzidine	21.808	252	281836	40.546	ng		98
83)	Chrysene	21.978	228	732332	40.384	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.767	149	354295	41.206	ng		99
85)	Di-n-octyl phthalate	23.036	149	601490	42.007	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.287	276	891238	39.600	ng		99
88)	Benzo(b)fluoranthene	24.258	252	758479	39.746	ng		98
89)	Benzo(k)fluoranthene	24.328	252	774592	40.203	ng		99
90)	Benzo(a)pyrene	25.186	252	751928	40.000	ng		98
91)	Dibenzo(a,h)anthracene	29.352	278	749756	39.688	ng		98
92)	Benzo(g,h,i)perylene	30.533	276	721715	39.593	ng		99

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

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