Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122722\
Data File : BG056128.D
Acq On : 27 Dec 2022 16:17
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 04:53:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 04:51:15 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.336	152	42891	20.000	ng		0.00
21) Naphthalene-d8	11.168	136	167757	20.000	ng	#	0.00
39) Acenaphthene-d10	14.945	164	151521	20.000	ng		0.00
64) Phenanthrene-d10	17.678	188	411709	20.000	ng		0.00
76) Chrysene-d12	21.973	240	400467	20.000	ng		0.00
86) Perylene-d12	25.427	264	440912	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.856	112	50141	27.416	ng		0.00
7) Phenol-d6	7.466	99	74566	31.700	ng		0.00
23) Nitrobenzene-d5	9.505	82	64939	27.051	ng		0.00
42) 2,4,6-Tribromophenol	16.420	330	37767	10.337	ng		0.00
45) 2-Fluorobiphenyl	13.571	172	217093	20.094	ng		0.00
79) Terphenyl-d14	20.251	244	458622	20.240	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.676	88	11850m	22.264	ng		
3) Pyridine	4.099	79	33336	19.032	ng	#	92
4) n-Nitrosodimethylamine	4.005	42	6670	4.236	ng	#	91
6) Aniline	7.648	93	50560	17.953	ng		96
8) 2-Chlorophenol	7.889	128	24107	10.217	ng		93
9) Benzaldehyde	7.460	77	24676	16.704	ng		84
10) Phenol	7.495	94	38773	15.061	ng		99
11) bis(2-Chloroethyl)ether	7.736	93	26768	15.963	ng		90
12) 1,3-Dichlorobenzene	8.224	146	31855	10.437	ng		97
13) 1,4-Dichlorobenzene	8.371	146	30625	9.818	ng		92
14) 1,2-Dichlorobenzene	8.700	146	29252	9.813	ng		98
15) Benzyl Alcohol	8.565	79	26398	10.801	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.847	45	4861m	2.227	ng		
17) 2-Methylphenol	8.759	107	27325	13.490	ng		99
18) Hexachloroethane	9.440	117	9164	9.678	ng		93
19) n-Nitroso-di-n-propyla...	9.135	70	23623	14.011	ng		96
20) 3+4-Methylphenols	9.088	107	37792	13.075	ng		93
22) Acetophenone	9.164	105	48952	11.771	ng	#	97
24) Nitrobenzene	9.546	77	32429	13.421	ng		94
25) Isophorone	10.069	82	70616	14.028	ng		97
26) 2-Nitrophenol	10.269	139	16181	11.312	ng	#	87
27) 2,4-Dimethylphenol	10.310	122	31979	13.312	ng		96
28) bis(2-Chloroethoxy)met...	10.545	93	35824	16.103	ng		96
29) 2,4-Dichlorophenol	10.803	162	32289	9.470	ng		99
30) 1,2,4-Trichlorobenzene	11.027	180	38035	8.581	ng		96
31) Naphthalene	11.220	128	87332	9.866	ng		97
32) Benzoic acid	10.374	122	19692m	10.626	ng		
33) 4-Chloroaniline	11.314	127	41139	10.841	ng		98
34) Hexachlorobutadiene	11.497	225	27372	6.569	ng		94
35) Caprolactam	12.061	113	11316	11.912	ng		98
36) 4-Chloro-3-methylphenol	12.407	107	32248	10.086	ng		98
37) 2-Methylnaphthalene	12.795	142	74947	9.584	ng		95
38) 1-Methylnaphthalene	13.012	142	69133	9.074	ng		94
40) 1,2,4,5-Tetrachloroben...	13.153	216	54500	8.525	ng		99
41) Hexachlorocyclopentadiene	13.136	237	28110	7.751	ng		99
43) 2,4,6-Trichlorophenol	13.383	196	35016	9.253	ng		93

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44) 2,4,5-Trichlorophenol	13.453	196	43189	10.124	ng		95
46) 1,1'-Biphenyl	13.782	154	105921	10.313	ng		97
47) 2-Chloronaphthalene	13.835	162	83754	10.036	ng		95
48) 2-Nitroaniline	14.023	65	17159	12.292	ng		97
49) Acenaphthylene	14.669	152	137004	10.285	ng		96
50) Dimethylphthalate	14.381	163	123025	9.391	ng		99
51) 2,6-Dinitrotoluene	14.505	165	25939	12.796	ng		94
52) Acenaphthene	15.010	154	85336	9.543	ng		93
53) 3-Nitroaniline	14.834	138	23334	11.316	ng	#	76
54) 2,4-Dinitrophenol	15.039	184	17349	11.512	ng	#	85
55) Dibenzofuran	15.339	168	146888	9.768	ng		94
56) 4-Nitrophenol	15.122	139	18218	11.025	ng		98
57) 2,4-Dinitrotoluene	15.286	165	34942	11.419	ng		89
58) Fluorene	15.985	166	120341	9.790	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.557	232	40204m	8.250	ng		
60) Diethylphthalate	15.727	149	115070	8.987	ng		98
61) 4-Chlorophenyl-phenyle...	15.968	204	73853	8.819	ng		95
62) 4-Nitroaniline	15.985	138	25481	11.347	ng		88
63) Azobenzene	16.262	77	90864	11.659	ng		96
65) 4,6-Dinitro-2-methylph...	16.044	198	24763	12.591	ng		96
66) n-Nitrosodiphenylamine	16.179	169	112233	10.403	ng		95
67) 4-Bromophenyl-phenylether	16.861	248	50994	8.453	ng		96
68) Hexachlorobenzene	16.984	284	47192	6.351	ng		98
69) Atrazine	17.108	200	48390	9.906	ng		97
70) Pentachlorophenol	17.325	266	34788	8.189	ng		95
71) Phenanthrene	17.719	178	213851	9.912	ng		96
72) Anthracene	17.813	178	219066	10.263	ng		99
73) Carbazole	18.077	167	185738	10.551	ng		98
74) Di-n-butylphthalate	18.606	149	181879	8.884	ng		100
75) Fluoranthene	19.710	202	281952	9.332	ng		98
77) Benzidine	19.875	184	140168	19.930	ng		99
78) Pyrene	20.069	202	286541	11.825	ng		98
80) Butylbenzylphthalate	20.933	149	77622	11.304	ng		98
81) Benzo(a)anthracene	21.955	228	279946	9.934	ng		97
82) 3,3'-Dichlorobenzidine	21.855	252	99837	9.847	ng		97
83) Chrysene	22.025	228	262534	9.940	ng		98
84) Bis(2-ethylhexyl)phtha...	21.826	149	113450	11.121	ng		98
85) Di-n-octyl phthalate	23.112	149	194744	11.254	ng		100
87) Indeno(1,2,3-cd)pyrene	29.399	276	315023	8.885	ng	#	96
88) Benzo(b)fluoranthene	24.317	252	272349	9.544	ng		98
89) Benzo(k)fluoranthene	24.387	252	283075	9.943	ng		99
90) Benzo(a)pyrene	25.257	252	271843	11.270	ng		98
91) Dibenzo(a,h)anthracene	29.470	278	269355	9.077	ng		97
92) Benzo(g,h,i)perylene	30.645	276	256170	8.928	ng		95

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

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