Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
Data File : BG056170.D
Acq On : 30 Dec 2022 14:24
Operator : CG/JU
Sample : PB149992BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 31 00:17:10 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 05:20:14 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB149992BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/03/2023
Supervised By :Yogesh Patel 01/03/2023

01/03/2023
Supervised By :Yogesh Patel

01/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	50326	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	176291	20.000	ng	0.00
39) Acenaphthene-d10	14.945	164	144388	20.000	ng	0.00
64) Phenanthrene-d10	17.683	188	379566	20.000	ng	0.00
76) Chrysene-d12	21.978	240	381445	20.000	ng	0.00
86) Perylene-d12	25.433	264	412374	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.862	112	412941	146.506	ng	0.00
7) Phenol-d6	7.477	99	565614	130.670	ng	0.00
23) Nitrobenzene-d5	9.510	82	294992	85.593	ng	0.00
42) 2,4,6-Tribromophenol	16.426	330	253634	138.700	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	931257	89.064	ng	0.00
79) Terphenyl-d14	20.256	244	1954067	91.752	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.682	88	49721	38.621	ng	# 98
3) Pyridine	4.093	79	135975	34.677	ng	97
4) n-Nitrosodimethylamine	4.005	42	34951	43.818	ng	96
6) Aniline	7.654	93	185255	32.636	ng	97
8) 2-Chlorophenol	7.894	128	135350	48.257	ng	92
9) Benzaldehyde	7.466	77	79630	30.939	ng	92
10) Phenol	7.501	94	200313	45.632	ng	96
11) bis(2-Chloroethyl)ether	7.742	93	120597	40.539	ng	98
12) 1,3-Dichlorobenzene	8.229	146	161882	47.423	ng	96
13) 1,4-Dichlorobenzene	8.376	146	160567	46.841	ng	97
14) 1,2-Dichlorobenzene	8.699	146	155360	46.971	ng	99
15) Benzyl Alcohol	8.570	79	129165	41.001	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.858	45	21739	41.353	ng	88
17) 2-Methylphenol	8.764	107	136206	42.286	ng	97
18) Hexachloroethane	9.440	117	50457	48.453	ng	92
19) n-Nitroso-di-n-propyla...	9.140	70	93885	35.669	ng	96
20) 3+4-Methylphenols	9.093	107	181059	39.981	ng	95
22) Acetophenone	9.164	105	218123	43.759	ng	97
24) Nitrobenzene	9.557	77	145286	42.538	ng	96
25) Isophorone	10.074	82	277700	38.296	ng	95
26) 2-Nitrophenol	10.268	139	80314	45.959	ng	96
27) 2,4-Dimethylphenol	10.315	122	147092	46.149	ng	98
28) bis(2-Chloroethoxy)met...	10.550	93	156597	41.550	ng	100
29) 2,4-Dichlorophenol	10.803	162	168471	47.810	ng	99
30) 1,2,4-Trichlorobenzene	11.026	180	187667	46.931	ng	99
31) Naphthalene	11.220	128	410186	44.211	ng	99
32) Benzoic acid	10.439	122	102251	43.237	ng	95
33) 4-Chloroaniline	11.314	127	95705	21.605	ng	96
34) Hexachlorobutadiene	11.496	225	133437	46.397	ng	95
35) Caprolactam	12.078	113	48024m	40.254	ng	
36) 4-Chloro-3-methylphenol	12.407	107	156387	43.737	ng	99
37) 2-Methylnaphthalene	12.800	142	314143	40.100	ng	99
38) 1-Methylnaphthalene	13.018	142	294001	40.414	ng	98
40) 1,2,4,5-Tetrachloroben...	13.159	216	250103	46.216	ng	98
41) Hexachlorocyclopentadiene	13.135	237	351173	113.821	ng	94
43) 2,4,6-Trichlorophenol	13.388	196	167327	46.760	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.459	196	186204	43.989	ng		98
46) 1,1'-Biphenyl	13.788	154	468495	45.306	ng		97
47) 2-Chloronaphthalene	13.835	162	373252	45.730	ng		97
48) 2-Nitroaniline	14.028	65	76549	44.018	ng		96
49) Acenaphthylene	14.675	152	574046	43.219	ng		99
50) Dimethylphthalate	14.387	163	499929	42.891	ng		100
51) 2,6-Dinitrotoluene	14.510	165	109720	44.177	ng		95
52) Acenaphthene	15.010	154	438935	50.811	ng		100
53) 3-Nitroaniline	14.839	138	66594	28.174	ng		98
54) 2,4-Dinitrophenol	15.045	184	178995	100.882	ng		96
55) Dibenzofuran	15.339	168	617137	43.170	ng		98
56) 4-Nitrophenol	15.133	139	173225	95.288	ng		96
57) 2,4-Dinitrotoluene	15.292	165	155765	44.845	ng		91
58) Fluorene	15.985	166	492444	42.829	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.556	232	184589	46.443	ng		97
60) Diethylphthalate	15.732	149	462820	42.340	ng		97
61) 4-Chlorophenyl-phenyle...	15.967	204	309816	43.177	ng		99
62) 4-Nitroaniline	15.997	138	102182	42.202	ng		98
63) Azobenzene	16.261	77	345878	41.004	ng		95
65) 4,6-Dinitro-2-methylph...	16.050	198	118294	46.258	ng		95
66) n-Nitrosodiphenylamine	16.179	169	462400	43.908	ng		98
67) 4-Bromophenyl-phenylether	16.860	248	212547	43.975	ng		98
68) Hexachlorobenzene	16.984	284	216925	48.105	ng		98
69) Atrazine	17.113	200	208018	47.661	ng		98
70) Pentachlorophenol	17.325	266	299341	86.414	ng		98
71) Phenanthrene	17.724	178	874298	44.448	ng		99
72) Anthracene	17.812	178	897827	44.247	ng		100
73) Carbazole	18.077	167	782632	45.885	ng		98
74) Di-n-butylphthalate	18.611	149	790097	46.470	ng		100
75) Fluoranthene	19.710	202	1153859	44.970	ng		100
77) Benzidine	19.880	184	460764	34.469	ng		98
78) Pyrene	20.074	202	1156755	43.025	ng		100
80) Butylbenzylphthalate	20.932	149	338139	43.838	ng		98
81) Benzo(a)anthracene	21.954	228	1178221	43.977	ng		100
82) 3,3'-Dichlorobenzidine	21.855	252	293781	30.461	ng		97
83) Chrysene	22.031	228	1101011	43.872	ng		98
84) Bis(2-ethylhexyl)phtha...	21.825	149	494859	44.531	ng		99
85) Di-n-octyl phthalate	23.112	149	843171	44.945	ng		100
87) Indeno(1,2,3-cd)pyrene	29.422	276	1414326	47.159	ng	#	98
88) Benzo(b)fluoranthene	24.328	252	1261319	48.141	ng		98
89) Benzo(k)fluoranthene	24.404	252	1237037	47.413	ng		98
90) Benzo(a)pyrene	25.274	252	1106773	43.309	ng		100
91) Dibenzo(a,h)anthracene	29.481	278	1178264	46.861	ng		100
92) Benzo(g,h,i)perylene	30.674	276	1137806	46.664	ng		100

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

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