Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055805.D
Acq On : 28 Nov 2022 14:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 02:09:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 02:02:15 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	40385	20.000	ng	0.00
21) Naphthalene-d8	11.061	136	167292	20.000	ng	0.00
39) Acenaphthene-d10	14.857	164	119765	20.000	ng	0.00
64) Phenanthrene-d10	17.595	188	278716	20.000	ng	0.00
76) Chrysene-d12	21.890	240	271297	20.000	ng	0.00
86) Perylene-d12	25.280	264	293610	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	176756	79.111	ng	0.00
7) Phenol-d6	7.377	99	242406	81.503	ng	0.00
23) Nitrobenzene-d5	9.404	82	257728	81.427	ng	0.00
42) 2,4,6-Tribromophenol	16.337	330	129520	76.801	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	635529	79.498	ng	0.00
79) Terphenyl-d14	20.180	244	1045750	77.098	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.593	88	39187	41.041	ng	99
3) Pyridine	4.005	79	120408	41.106	ng	100
4) n-Nitrosodimethylamine	3.917	42	61555	39.692	ng	94
6) Aniline	7.548	93	149387	39.989	ng	98
8) 2-Chlorophenol	7.794	128	101469	39.727	ng	99
9) Benzaldehyde	7.360	77	76831	38.038	ng	98
10) Phenol	7.407	94	134031	40.248	ng	98
11) bis(2-Chloroethyl)ether	7.636	93	102825	40.291	ng	98
12) 1,3-Dichlorobenzene	8.117	146	118320	39.401	ng	98
13) 1,4-Dichlorobenzene	8.264	146	119043	39.230	ng	98
14) 1,2-Dichlorobenzene	8.588	146	113494	39.030	ng	100
15) Benzyl Alcohol	8.464	79	95095	39.342	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.752	45	188624	40.828	ng	99
17) 2-Methylphenol	8.670	107	95132	40.237	ng	97
18) Hexachloroethane	9.322	117	42285	40.486	ng	96
19) n-Nitroso-di-n-propyla...	9.034	70	92278	40.381	ng	100
20) 3+4-Methylphenols	8.999	107	137812	41.726	ng	98
22) Acetophenone	9.058	105	171535	39.460	ng	99
24) Nitrobenzene	9.445	77	132667	40.129	ng	99
25) Isophorone	9.968	82	243301	40.570	ng	100
26) 2-Nitrophenol	10.162	139	65625	42.999	ng	98
27) 2,4-Dimethylphenol	10.209	122	94675m	40.759	ng	
28) bis(2-Chloroethoxy)met...	10.444	93	131776	40.930	ng	99
29) 2,4-Dichlorophenol	10.703	162	112136	40.334	ng	99
30) 1,2,4-Trichlorobenzene	10.920	180	124180	38.446	ng	97
31) Naphthalene	11.108	128	359254	39.725	ng	99
32) Benzoic acid	10.350	122	62900	32.914	ng	97
33) 4-Chloroaniline	11.214	127	148845	39.899	ng	98
34) Hexachlorobutadiene	11.384	225	85525	38.778	ng	95
35) Caprolactam	11.984	113	38263	39.771	ng	94
36) 4-Chloro-3-methylphenol	12.318	107	124283	40.673	ng	98
37) 2-Methylnaphthalene	12.700	142	270927	40.011	ng	99
38) 1-Methylnaphthalene	12.918	142	260769	39.670	ng	99
40) 1,2,4,5-Tetrachloroben...	13.059	216	149548	39.735	ng	99
41) Hexachlorocyclopentadiene	13.035	237	70966	37.411	ng	99
43) 2,4,6-Trichlorophenol	13.294	196	100243	39.045	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.370	196	112056	39.717	ng	99
46) 1,1'-Biphenyl	13.693	154	347994	39.873	ng	100
47) 2-Chloronaphthalene	13.740	162	267498	39.433	ng	99
48) 2-Nitroaniline	13.940	65	91939	41.223	ng	95
49) Acenaphthylene	14.580	152	446031	39.929	ng	99
50) Dimethylphthalate	14.298	163	373102	39.080	ng	99
51) 2,6-Dinitrotoluene	14.422	165	80010	40.987	ng	99
52) Acenaphthene	14.921	154	293647m	40.222	ng	
53) 3-Nitroaniline	14.757	138	86557	40.392	ng	97
54) 2,4-Dinitrophenol	14.962	184	45345	40.401	ng	98
55) Dibenzofuran	15.250	168	438986	38.977	ng	99
56) 4-Nitrophenol	15.056	139	64559	38.385	ng	98
57) 2,4-Dinitrotoluene	15.209	165	114410	41.569	ng	94
58) Fluorene	15.897	166	354274	39.384	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.474	232	104469	38.214	ng	99
60) Diethylphthalate	15.650	149	377061	39.064	ng	100
61) 4-Chlorophenyl-phenyle...	15.879	204	189680	38.360	ng	97
62) 4-Nitroaniline	15.914	138	91319	40.766	ng	98
63) Azobenzene	16.173	77	333718	39.601	ng	99
65) 4,6-Dinitro-2-methylph...	15.973	198	70076	45.027	ng	99
66) n-Nitrosodiphenylamine	16.090	169	311771	40.589	ng	100
67) 4-Bromophenyl-phenylether	16.772	248	125918	39.651	ng	98
68) Hexachlorobenzene	16.901	284	137368	39.011	ng	99
69) Atrazine	17.031	200	119336	39.283	ng	98
70) Pentachlorophenol	17.242	266	76119	35.337	ng	98
71) Phenanthrene	17.636	178	597027	39.694	ng	99
72) Anthracene	17.730	178	581245	39.774	ng	100
73) Carbazole	17.994	167	525245	39.980	ng	100
74) Di-n-butylphthalate	18.529	149	653984	40.089	ng	99
75) Fluoranthene	19.633	202	707697	38.676	ng	99
77) Benzidine	19.804	184	265557	42.311	ng	98
78) Pyrene	19.998	202	722824	39.362	ng	100
80) Butylbenzylphthalate	20.855	149	297751	41.418	ng	97
81) Benzo(a)anthracene	21.866	228	735352	39.353	ng	99
82) 3,3'-Dichlorobenzidine	21.772	252	258903	39.431	ng	100
83) Chrysene	21.937	228	701432	39.431	ng	99
84) Bis(2-ethylhexyl)phtha...	21.737	149	426311	41.263	ng	100
85) Di-n-octyl phthalate	23.000	149	725884	41.055	ng	99
87) Indeno(1,2,3-cd)pyrene	29.181	276	881421	36.644	ng	99
88) Benzo(b)fluoranthene	24.199	252	721184	37.716	ng	99
89) Benzo(k)fluoranthene	24.269	252	745679	39.122	ng	98
90) Benzo(a)pyrene	25.121	252	629522	38.365	ng	99
91) Dibenzo(a,h)anthracene	29.252	278	723806	36.824	ng	99
92) Benzo(g,h,i)perylene	30.427	276	712096	35.945	ng	98

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

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