Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121322\
Data File : BG055953.D
Acq On : 13 Dec 2022 21:58
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 14 01:57:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 01:49:58 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.371	152	5629	20.000	ng		0.00
21) Naphthalene-d8	11.209	136	20743	20.000	ng		0.00
39) Acenaphthene-d10	14.981	164	19778	20.000	ng		0.00
64) Phenanthrene-d10	17.719	188	54207	20.000	ng		0.00
76) Chrysene-d12	22.032	240	63928	20.000	ng		0.00
86) Perylene-d12	25.516	264	74467	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.886	112	39047	125.383	ng		0.00
7) Phenol-d6	7.502	99	51137	123.355	ng		0.00
23) Nitrobenzene-d5	9.552	82	53835	137.176	ng		0.00
42) 2,4,6-Tribromophenol	16.462	330	81826	293.810	ng		0.00
45) 2-Fluorobiphenyl	13.612	172	226962	171.917	ng		0.00
79) Terphenyl-d14	20.293	244	574260	179.670	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.718	88	6221	46.744	ng		89
3) Pyridine	4.135	79	20158m	49.373	ng		
4) n-Nitrosodimethylamine	4.041	42	17301	80.039	ng		93
6) Aniline	7.684	93	30408	58.399	ng		95
8) 2-Chlorophenol	7.931	128	25123	70.568	ng		94
9) Benzaldehyde	7.496	77	12742	45.259	ng		96
10) Phenol	7.525	94	27365	58.955	ng		97
11) bis(2-Chloroethyl)ether	7.778	93	17468	49.106	ng		93
12) 1,3-Dichlorobenzene	8.266	146	31080m	74.253	ng		
13) 1,4-Dichlorobenzene	8.413	146	32313	76.397	ng		99
14) 1,2-Dichlorobenzene	8.736	146	30740	75.843	ng		95
15) Benzyl Alcohol	8.606	79	25401	75.394	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.894	45	22154	34.403	ng		97
17) 2-Methylphenol	8.800	107	21725	65.924	ng		94
18) Hexachloroethane	9.476	117	9871	67.806	ng	#	79
19) n-Nitroso-di-n-propyla...	9.182	70	17824	55.959	ng	#	91
20) 3+4-Methylphenols	9.129	107	30314	65.850	ng		96
22) Acetophenone	9.200	105	41474	76.945	ng	#	97
24) Nitrobenzene	9.594	77	27466	67.002	ng		96
25) Isophorone	10.116	82	50480	67.887	ng		96
26) 2-Nitrophenol	10.304	139	15422	81.496	ng		93
27) 2,4-Dimethylphenol	10.346	122	23031m	79.966	ng		
28) bis(2-Chloroethoxy)met...	10.592	93	22330	55.937	ng		97
29) 2,4-Dichlorophenol	10.839	162	35526	103.057	ng		96
30) 1,2,4-Trichlorobenzene	11.062	180	45172	112.792	ng		97
31) Naphthalene	11.262	128	89785	80.070	ng		99
32) Benzoic acid	10.492	122	21518	90.811	ng		95
33) 4-Chloroaniline	11.356	127	38393	83.000	ng		97
34) Hexachlorobutadiene	11.538	225	40892	149.531	ng		95
35) Caprolactam	12.143	113	9096	76.250	ng	#	82
36) 4-Chloro-3-methylphenol	12.437	107	33294	87.874	ng		95
37) 2-Methylnaphthalene	12.837	142	78998	94.091	ng		98
38) 1-Methylnaphthalene	13.054	142	76456	93.804	ng		96
40) 1,2,4,5-Tetrachloroben...	13.195	216	68354	109.977	ng		99
41) Hexachlorocyclopentadiene	13.172	237	41348	131.995	ng		97
43) 2,4,6-Trichlorophenol	13.418	196	42422	100.058	ng		96

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44)	2,4,5-Trichlorophenol	13.489	196	46813	100.475	ng		95
46)	1,1'-Biphenyl	13.824	154	109998	76.321	ng		98
47)	2-Chloronaphthalene	13.871	162	88471	78.975	ng		97
49)	Acenaphthylene	14.711	152	141074	76.475	ng		98
50)	Dimethylphthalate	14.429	163	135455	85.915	ng		98
52)	Acenaphthene	15.046	154	96568	80.097	ng		96
53)	3-Nitroaniline	14.876	138	23027	65.069	ng		94
54)	2,4-Dinitrophenol	15.069	184	16981	91.616	ng	#	80
55)	Dibenzofuran	15.375	168	160263	86.167	ng		99
56)	4-Nitrophenol	15.152	139	19065	68.642	ng		96
57)	2,4-Dinitrotoluene	15.322	165	35912	79.012	ng	#	89
58)	Fluorene	16.021	166	128174	86.283	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.592	232	52895	117.166	ng		98
60)	Diethylphthalate	15.774	149	129711	81.374	ng		98
61)	4-Chlorophenyl-phenyle...	16.004	204	87060	106.616	ng		98
62)	4-Nitroaniline	16.033	138	25290	68.365	ng		97
63)	Azobenzene	16.297	77	79998	57.485	ng		97
65)	4,6-Dinitro-2-methylph...	16.086	198	23645	78.117	ng		92
66)	n-Nitrosodiphenylamine	16.215	169	116910	78.259	ng		98
67)	4-Bromophenyl-phenylether	16.897	248	65009	105.256	ng		96
68)	Hexachlorobenzene	17.020	284	80224	117.141	ng		97
69)	Atrazine	17.149	200	43316	73.314	ng		97
70)	Pentachlorophenol	17.355	266	48931	116.797	ng		94
71)	Phenanthrene	17.760	178	230893	78.931	ng		99
72)	Anthracene	17.854	178	224145	78.863	ng		99
73)	Carbazole	18.113	167	182236	71.322	ng		98
74)	Di-n-butylphthalate	18.653	149	211883	66.783	ng		99
75)	Fluoranthene	19.746	202	310110	87.140	ng		99
77)	Benzidine	19.911	184	70908	47.945	ng		96
78)	Pyrene	20.111	202	311254	71.930	ng		99
80)	Butylbenzylphthalate	20.980	149	91571	54.056	ng		99
81)	Benzo(a)anthracene	22.008	228	358438	81.406	ng		99
82)	3,3'-Dichlorobenzidine	21.903	252	126913	82.029	ng		97
83)	Chrysene	22.079	228	337108	80.422	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.885	149	134344	55.183	ng		97
85)	Di-n-octyl phthalate	23.201	149	226442	54.352	ng		98
87)	Indeno(1,2,3-cd)pyrene	29.570	276	485282	79.547	ng		100
88)	Benzo(b)fluoranthene	24.411	252	394249	81.294	ng		98
89)	Benzo(k)fluoranthene	24.488	252	382851	79.196	ng		100
90)	Benzo(a)pyrene	25.363	252	328262	78.878	ng		99
91)	Dibenzo(a,h)anthracene	29.646	278	400924	80.423	ng		97
92)	Benzo(g,h,i)perylene	30.839	276	389695	77.559	ng		98

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

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