Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101421\
Data File : BG050581.D
Acq On : 14 Oct 2021 9:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/18/2021 8:35:20 AM

Quant Time: Oct 14 10:51:13 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.258	152	40417	20.00	ng		0.00
21) Naphthalene-d8	11.084	136	170934	20.00	ng		# 0.00
39) Acenaphthene-d10	14.874	164	118042	20.00	ng		0.00
64) Phenanthrene-d10	17.618	188	278975	20.00	ng		# 0.00
76) Chrysene-d12	21.925	240	237877	20.00	ng		# 0.00
86) Perylene-d12	25.332	264	242883	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.791	112	207241	76.68	ng		0.00
7) Phenol-d6	7.401	99	305396	78.05	ng		0.00
23) Nitrobenzene-d5	9.428	82	310331	75.15	ng		0.00
42) 2,4,6-Tribromophenol	16.361	330	88316	78.44	ng		0.00
45) 2-Fluorobiphenyl	13.505	172	572560	73.00	ng		0.00
79) Terphenyl-d14	20.209	244	960678	78.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.658	88	49322	35.24	ng		93
3) Pyridine	4.063	79	142960	37.39	ng		95
4) n-Nitrosodimethylamine	3.981	42	68089	37.79	ng	#	46
6) Aniline	7.577	93	176453	38.82	ng	#	92
8) 2-Chlorophenol	7.818	128	102953	39.57	ng		86
9) Benzaldehyde	7.389	77	96570	39.03	ng		91
10) Phenol	7.424	94	148357	39.00	ng		86
11) bis(2-Chloroethyl)ether	7.665	93	114367	38.52	ng		86
12) 1,3-Dichlorobenzene	8.147	146	112522	37.46	ng		96
13) 1,4-Dichlorobenzene	8.294	146	114210	37.72	ng		96
14) 1,2-Dichlorobenzene	8.617	146	109581	37.89	ng		97
15) Benzyl Alcohol	8.493	79	122802	39.72	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.775	45	181154	37.41	ng		85
17) 2-Methylphenol	8.687	107	98903	39.51	ng		92
18) Hexachloroethane	9.351	117	43729	38.16	ng		91
19) n-Nitroso-di-n-propyla...	9.057	70	111275	39.02	ng	#	88
20) 3+4-Methylphenols	9.016	107	139300	39.54	ng		96
22) Acetophenone	9.087	105	178607	36.75	ng	#	96
24) Nitrobenzene	9.475	77	152913	37.24	ng		95
25) Isophorone	9.992	82	279744	38.19	ng	#	95
26) 2-Nitrophenol	10.185	139	60223	39.95	ng		92
27) 2,4-Dimethylphenol	10.233	122	98472	37.81	ng		96
28) bis(2-Chloroethoxy)met...	10.473	93	157654	37.65	ng		93
29) 2,4-Dichlorophenol	10.720	162	102934	38.77	ng		97
30) 1,2,4-Trichlorobenzene	10.943	180	111709	37.04	ng		94
31) Naphthalene	11.137	128	344468	37.65	ng		99
32) Benzoic acid	10.356	122	64241	33.23	ng	#	76
33) 4-Chloroaniline	11.237	127	148888	38.78	ng		97
34) Hexachlorobutadiene	11.408	225	69732	36.83	ng		96
35) Caprolactam	12.007	113	42604	41.93	ng	#	62
36) 4-Chloro-3-methylphenol	12.336	107	132398	39.90	ng	#	89
37) 2-Methylnaphthalene	12.718	142	234347	37.12	ng		93
38) 1-Methylnaphthalene	12.941	142	229342	37.46	ng		90
40) 1,2,4,5-Tetrachloroben...	13.082	216	124899	35.83	ng		97
41) Hexachlorocyclopentadiene	13.053	237	63963	31.75	ng		92
43) 2,4,6-Trichlorophenol	13.311	196	92966	37.85	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.388	196	98166	38.22	ng		91
46) 1,1'-Biphenyl	13.711	154	315541	36.65	ng		93
47) 2-Chloronaphthalene	13.764	162	245463	37.13	ng		98
48) 2-Nitroaniline	13.958	65	106787	40.60	ng		96
49) Acenaphthylene	14.604	152	407583	37.63	ng		96
50) Dimethylphthalate	14.322	163	345902	38.77	ng		99
51) 2,6-Dinitrotoluene	14.445	165	72699	40.68	ng		93
52) Acenaphthene	14.945	154	263644m	37.87	ng		
53) 3-Nitroaniline	14.780	138	85322	40.36	ng		88
54) 2,4-Dinitrophenol	14.980	184	42825	38.63	ng		91
55) Dibenzofuran	15.274	168	408505	37.94	ng		97
56) 4-Nitrophenol	15.068	139	68245	40.13	ng	#	84
57) 2,4-Dinitrotoluene	15.227	165	106206	42.16	ng		94
58) Fluorene	15.920	166	319708	38.66	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.491	232	86337	38.59	ng		94
60) Diethylphthalate	15.673	149	374606	39.96	ng		97
61) 4-Chlorophenyl-phenyle...	15.908	204	170417	37.66	ng		99
62) 4-Nitroaniline	15.938	138	88717	40.34	ng	#	66
63) Azobenzene	16.196	77	416843	38.41	ng		82
65) 4,6-Dinitro-2-methylph...	15.990	198	67050	40.01	ng		91
66) n-Nitrosodiphenylamine	16.120	169	287285	36.24	ng		95
67) 4-Bromophenyl-phenylether	16.801	248	104281	37.10	ng		97
68) Hexachlorobenzene	16.919	284	102701	36.76	ng	#	91
69) Atrazine	17.060	200	116720	37.38	ng		99
70) Pentachlorophenol	17.265	266	64910	34.13	ng		97
71) Phenanthrene	17.665	178	543381	36.96	ng		98
72) Anthracene	17.753	178	537675	36.81	ng		98
73) Carbazole	18.023	167	536965	36.88	ng		98
74) Di-n-butylphthalate	18.558	149	647833	37.92	ng		97
75) Fluoranthene	19.663	202	654815	36.24	ng		96
77) Benzidine	19.833	184	319098	41.39	ng		97
78) Pyrene	20.021	202	649261	38.47	ng		98
80) Butylbenzylphthalate	20.891	149	287354	40.25	ng		95
81) Benzo(a)anthracene	21.901	228	608841	38.68	ng		99
82) 3,3'-Dichlorobenzidine	21.807	252	198442	38.04	ng	#	99
83) Chrysene	21.972	228	569098	38.44	ng		96
84) Bis(2-ethylhexyl)phtha...	21.778	149	407428	40.17	ng	#	95
85) Di-n-octyl phthalate	23.053	149	694663	41.06	ng		96
87) Indeno(1,2,3-cd)pyrene	29.263	276	656941	38.83	ng	#	92
88) Benzo(b)fluoranthene	24.245	252	578085	38.86	ng	#	93
89) Benzo(k)fluoranthene	24.316	252	568177	38.83	ng	#	97
90) Benzo(a)pyrene	25.174	252	494333	39.09	ng	#	94
91) Dibenzo(a,h)anthracene	29.334	278	538963	38.52	ng	#	93
92) Benzo(g,h,i)perylene	30.497	276	531240	38.76	ng	#	92

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

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